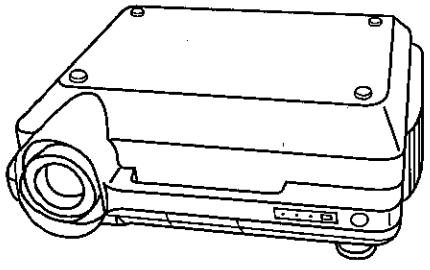
SHARP SERVICE MANUAL
SERVICE-ANLEITUNG
维修手册

S36F3XV3400S/

SECAM/PAL/NTSC SYSTEM
LCD PROJECTOR
LCD PROJEKTOR
液晶投影机



MODELS
MODELLE
型号

XV-3400S/SB

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

Im Interesse der Benutzersicherheit (erforderliche Sicherheitsregeln in einigen Ländern) muß das Gerät in seinen Originalzustand gebracht werden. Außerdem dürfen für die spezifizierten Bauteile nur identische Teile verwendet werden.

为了用户安全起见(根据一些国家的安全规程的需要)，应将液晶投影机保持于最初的状态，而且只能使用与指定物相同的部件。

This model is a sister version of Model XG-3900E/EB, but not equipped with the PC interface unit and VGA amplifier unit. For the technical data and information not covered in this manual, please refer to the XG-3900E/EB Service Manual. Note that the description on the PC interface unit and VGA amplifier unit does not apply to this model.

Dieses Modell ist eine Schwesterversion von Modell XG-3900E/EB, aber nicht mit der PC-Schnittstelleneinheit und VGA-Verstärkereinheit ausgestattet. Für die technischen Daten und Informationen, die nicht in dieser Anleitung enthalten sind, siehe die Wartungsanleitung des XG-3900E/EB. Die Beschreibung der PC-Schnittstelleneinheit und der VGA-Verstärkereinheit gilt nicht für dieses Modell.

本投影机以XG-3900E/EB型号为基础，但未装有PC I/F装置和VGA放大器。关于本维修手册未记载之项目，请参阅型号XG-3900E/EB的维修手册。但是，有关PC I/F装置与VGA放大器之项目，与本维修手册无关。请加以注意。

SHARP CORPORATION

CONTENS

Page

- SPECIFICATIONS 3
- NOTE TO SERVICE PERSONNEL 4
- OPERATION MANUAL 5
- REMOVAL OF MAJOR COMPONENTS 7
- THE OPTICAL UNIT OUTLINE
  (Refer to XG-3900E/EⒷ Service Manual)
- FOCUS ADJUSTMENT
  (Refer to XG-3900E/EⒷ Service Manual)
- ELECTRICAL ADJUSTMENT
  (Refer to XG-3900E/EⒷ Service Manual)
- TROUBLESHOOTING TABLE
  (Refer to XG-3900E/EⒷ Service Manual)
- CHASSIS LAYOUT 29

Page

- DESCRIPTION OF SCHEMATIC DIAGRAM ... 33
- WAVEFORMS 34
- OVERALL WIRING DIAGRAM 35
- SCHEMATIC DIAGRAM 37
- PRINTED WIRING BOARD ASSEMBLIES 57
- PARTS LIST
  - ■ ELECTRICAL PARTS 66
  - ■ CABINET AND MECHANICAL PARTS 90
  - ■ ACCESSORIES PARTS 94
  - ■ PACKING PARTS 94
- PACKING OF THE SET 95

INHALT

Seite

- TECHNISCHE DATEN 11
- HINWEISE FÜR DAS WARTUNGSPERSONAL 12
- BEDIENUNGSANLEITUNG 13
- ENTFERNEN DER WICHTIGSTEN TEILE 15
- ÜBERSICHT ÜBER DIE OPTIKEINHEIT
  (Auf die Service-Anleitung XG-3900E/EⒷBezug nehmen.)
- EINSTELLUNG DER SCHÄRFE
  (Auf die Service-Anleitung XG-3900E/EⒷBezug nehmen.)
- ELEKTRISCHE EINSTELLUNG
  (Auf die Service-Anleitung XG-3900E/EⒷBezug nehmen.)
- TABELLE FÜR STÖRUNGSSUCHE
  (Auf die Service-Anleitung XG-3900E/EⒷBezug nehmen.)

Seite

- CHASSIS-ANORDNUNG 29
- BESCHREIBUNG DES SCHEMATLSCHEN SCHALTPLANS 33
- WELLENFORMEN 34
- GESAMTSCHALTBILD 35
- SCHEMATISCHER SCHALTPLAN 37
- LEITERPLATTENEINHEITEN 57
- TEILELISTE
  - ■ ELEKTRISCHE BAUTEILE 66
  - ■ CEHÄUSETEILE UND MECHANISCHE TEILE 90
  - ■ ZUBEHÖRTEILE 94
  - ■ VERPACKUNGSTEILE 94
- VERPACKEN DES GERÄTS 95

目 录

页数

- ●规格 19
- ●保养维修人员须知 20
- ●使用说明书 21
- ●主要部件的拆卸 23
- ●影象投射装置简介
  （参见型号XG-3900E/EⒷ的维修手册）
- ●焦距的调整
  （参见型号XG-3900E/EⒷ的维修手册）
- ●电路调试
  （参见型号XG-3900E/EⒷ的维修手册）
- ●故障检修流程图
  （参见型号XG-3900E/EⒷ的维修手册）
- ●机芯底盘电路布置 29

页数

- ●电路原理图的说明 33
- ●波形图 34
- ●整体印刷电路图 35
- ●电路原理图 37
- ●印刷电路板组件 57
- ●零件表
  - ■电路零件 66
  - ■壳罩与机械零件分解图 90
  - ■附件 94
  - ■包装部件 94
- ●包装方法 95

Specifications

Product Type		LCD Projector
Model		XV-3400S / S B
System		PAL/SECAM/NTSC 3.58/NTSC 4.43
Display method		LCD panels × 3, RGB optical shutter method
LCD panels	Panel size	3" (4.5(H) × 6.2(W) cm)
	Display method	Translucent TN liquid crystal panels
	Drive method	TFT (Thin Film Transistor) Active Matrix panels
	No. of pixels	309,120 dots × 3 panels
Lens		1-1.6 zoom lens, F3.5-4.4, f=100-160 mm
Projection lamp		350 W Metal halide
Contrast ratio		100:1
Video input signal		BNC Connector: VIDEO, composite video, 1Vp-p, sync negative, 75Ω terminated RCA Connector: AUDIO, 142 mVrms, more than 47kΩ (stereo)
S-video input signal		4-pin mini DIN connector Y (luminance signal): 1 Vp-p, sync negative, 75Ω terminated C (chrominance signal): burst 0.286 Vp-p, 75Ω terminated
Video (monitor) output signal		BNC Connector: VIDEO, composite video 1Vp-p, sync negative, 75Ω terminated RCA Connector: AUDIO, 142 mVrms, more than 47kΩ (stereo)
Horizontal resolution		500 TV lines (video input)
Audio output		3W (monaural)
RGB video input signal	Video signal	BNC Connector: RGB separate type Analog input: 0~0.7Vp-p, positive, 75Ω terminated Stereo Minijack: AUDIO, 142 mVrms, more than 47kΩ (stereo)
	Composite sync. signal	TTL levels
Speaker system		3" (8 cm) round
Rated voltage		AC 200 - 240V
Rated frequency		50/60 Hz
Power consumption		445W
Operating temperature		5°C to 40°C
Storage temperature		−20°C to 55°C
Cabinet		Plastic
Dimensions (WxDxH)		550 × 471 × 230 mm projector only 550 × 538 × 230 mm incl. terminal cover
Weight		15.0 kg projector only, 15.3 kg incl. terminal cover
Supplied accessories		Remote control unit, two AAA batteries, lens cover (installed), terminal cover, two BNC/RCA adaptors, extra air filter, inverting labels, High-Mount dust cover, four cord wrap pegs
Replacement parts		Remote control, Air filter

Our projector uses LCD (Liquid Crystal Display) panels. These very sophisticated panels contain 309,120 pixel (xRGB) TFTs. (Thin Film Transistors). As with any high technology electronic equipment such as large screen TVs, video systems and/or video cameras, there are certain acceptable tolerances that the equipment must conform to.

Sharp's acceptable tolerances permit a total of six (6) inactive TFTs, which may result in illuminated dots on the picture screen.

This will not affect the picture quality or the life expectancy of the unit.

*Specifications are subject to change without notice.

NOTE TO SERVICE PERSONNEL

UV-RADIATION PRECAUTION

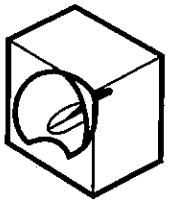
The light source, metal halide lamp, in the LCD projector emits small amounts of UV-Radiation.

AVOID DIRECT EYE AND SKIN EXPOSURE.

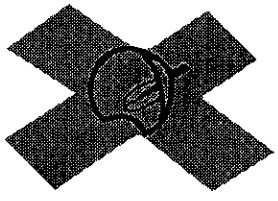
To ensure safety please adhere to the following:

1. Be sure to wear sun-glasses when servicing the projector with the lamp turned "on" and the top enclosure removed.

2. Do not operate the lamp outside of the lamp housing.



3. Do not operate for more than 2 hours with the enclosure removed.



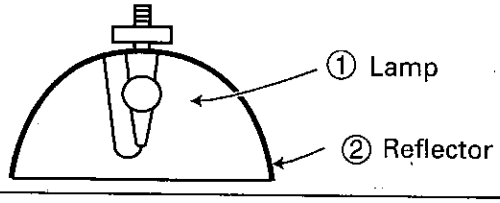
UV-Radiation and Medium Pressure Lamp Precautions

1. Be sure to disconnect the AC plug when replacing the lamp.
2. Allow one hour for the unit to cool down before servicing.
3. Replace only with same type lamp. Type CLMPF0034DE07 rated 65V/350W.
4. The lamp emits small amounts of UV-Radiation, avoid direct-eye contact.
5. The medium pressure lamp involves a risk of explosion. Be sure to follow installation instructions described below and handle the lamp with care.

■ Lamp Replacement

Note:

Since the lamp reaches a very high temperature during units operation replacement of the lamp should be done at least one hour after the power has been turned off. (to allow the lamp to cool off.)
Installing the new lamp, make sure not to touch the lamp (bulb) replace the lamp by holding its reflector ②
[Use original replacement only.]



DANGER ! — Never turn the power on without the lamp to avoid electric-shock or damage of the devices since the stabilizer generates high voltages at its start.

Since small amounts of UV-Radiation are emitted from an opening between the duct cover and the lamp housing, it is recommended to place the LENS CAP on the opening during servicing to avoid eye and skin exposurem (Fig. 1).

Note: Please obtain a lens cap before servicing Models XV-3400S/SB that is received without one.

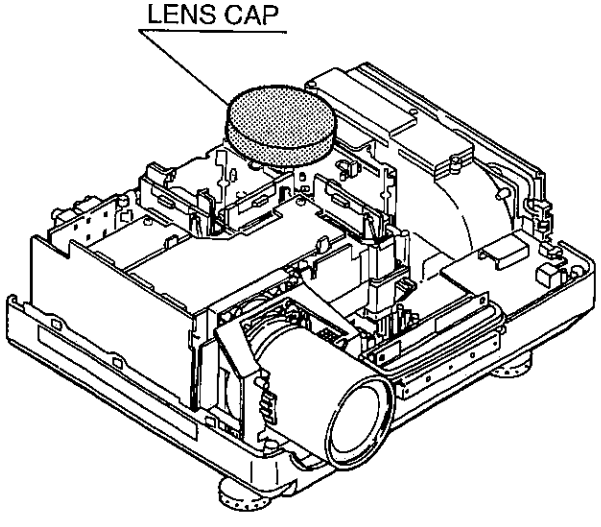
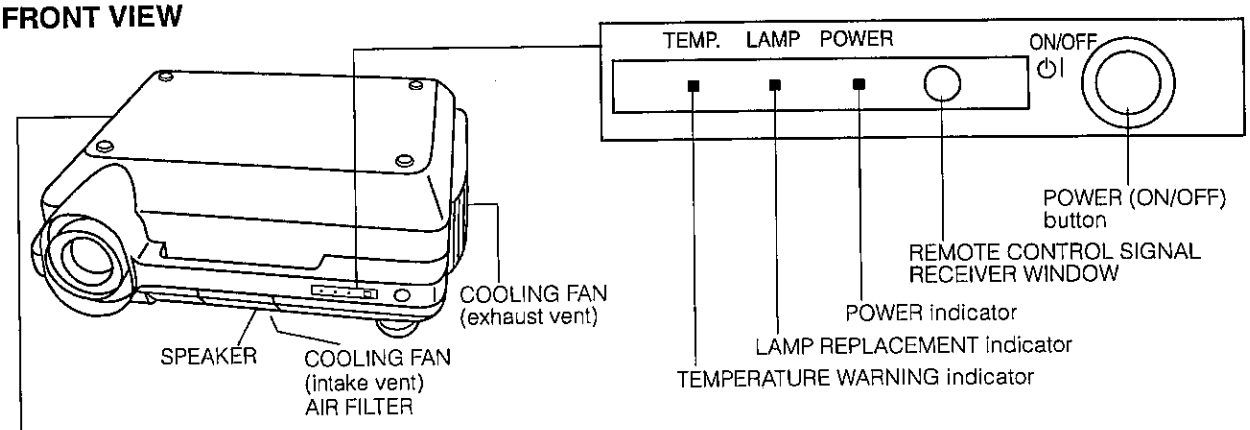


Figure 1.

Location of Controls

FRONT VIEW

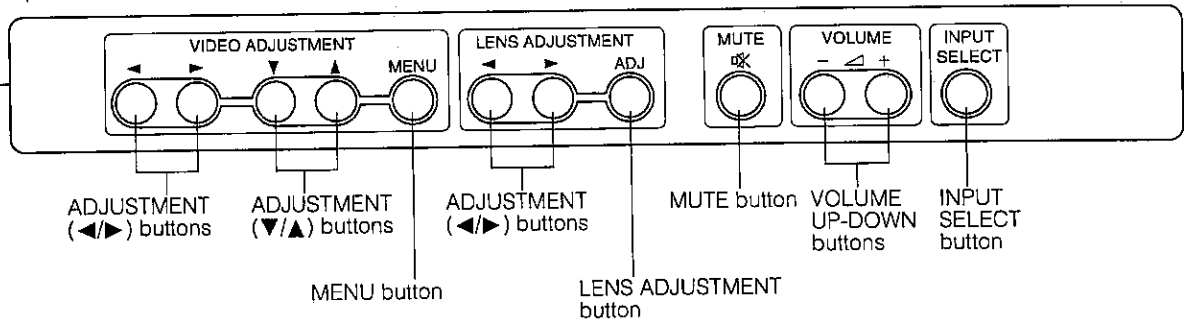


CAUTIONS:
- Allow at least 10 cm of space between the cooling fan (exhaust vent) and the wall.
- If the cooling fan becomes obstructed, a protection device will automatically turn off the projector lamp. This does not indicate a malfunction. Remove the projector plug from the wall outlet and wait 10 minutes. Then turn on the power by plugging the cord back in. This will return the projector to its normal mode.

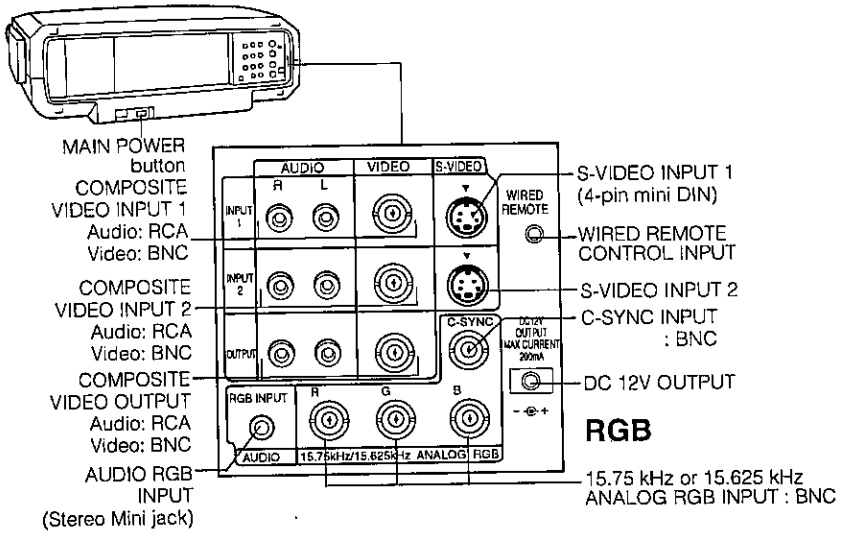
OPERATION PANEL ON SIDE OF PROJECTOR

Phosphorescent Display

The operation controls on the right side use a phosphorescent display for easy viewing. When exposed to surrounding light, the phosphorescent display will glow in the dark.
(Glow ratio)
When exposed to sunlight or other light of 500 lux or more for about 10 minutes, the display will glow for about 1 hour.
(**Note:** 500 lux = 1-1.5m directly under a 40W fluorescent light.)



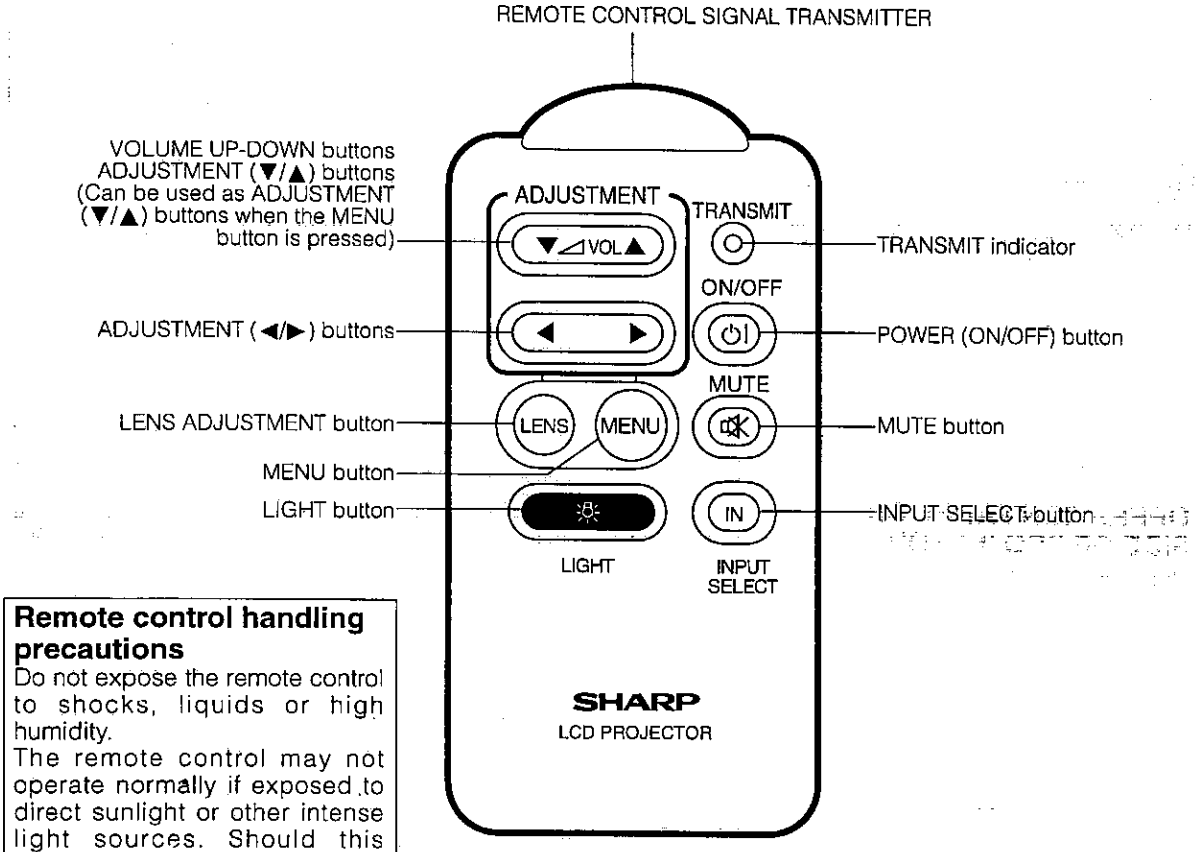
REAR VIEW



Note:
- If a current of 200mA or more is drawn from the DC 12V OUTPUT jack, a protection device will automatically turn off the projector and leave it in Stand-by mode.

Remote Control Operation

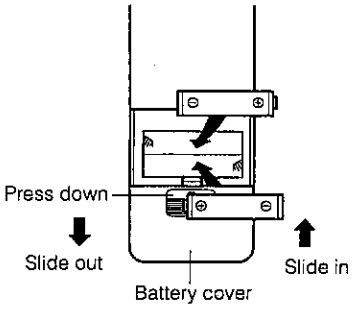
REMOTE CONTROL



Remote control handling precautions

Do not expose the remote control to shocks, liquids or high humidity.

The remote control may not operate normally if exposed to direct sunlight or other intense light sources. Should this happen, reposition the light source or the LCD Projector.



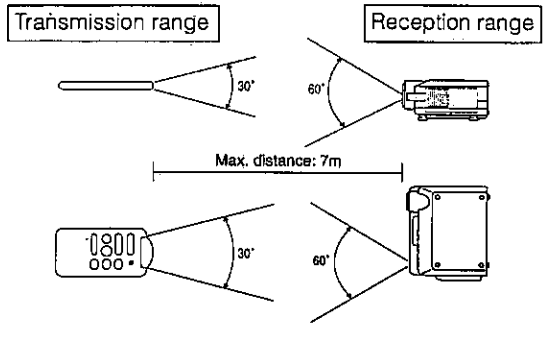
Inserting the Batteries

Remove the battery cover as shown and insert two AAA size batteries making sure the polarity matches the (+) and (−) marks inside the battery compartment.

Notes:

Incorrect use of batteries may cause them to leak or burst.

- Insert the batteries with the (+) and (−) polarities as indicated.
- Remove the batteries if the remote control will not be operated for an extended period of time.
- Maintain the batteries in clean condition.
- Do not mix different brands of batteries. The life expectancy of the new batteries will be shortened and the old batteries may leak.
- When the batteries have been used up, remove them immediately to prevent leakage and damage. Leaked battery fluid may irritate the skin. Remove any battery fluid by wiping with a cloth.
- Due to storage conditions and the shelf life of the supplied batteries, they may run out after a short time. Replace them with new batteries as soon as possible.



Remote control positioning

Use the remote control as shown in the figures on the left.

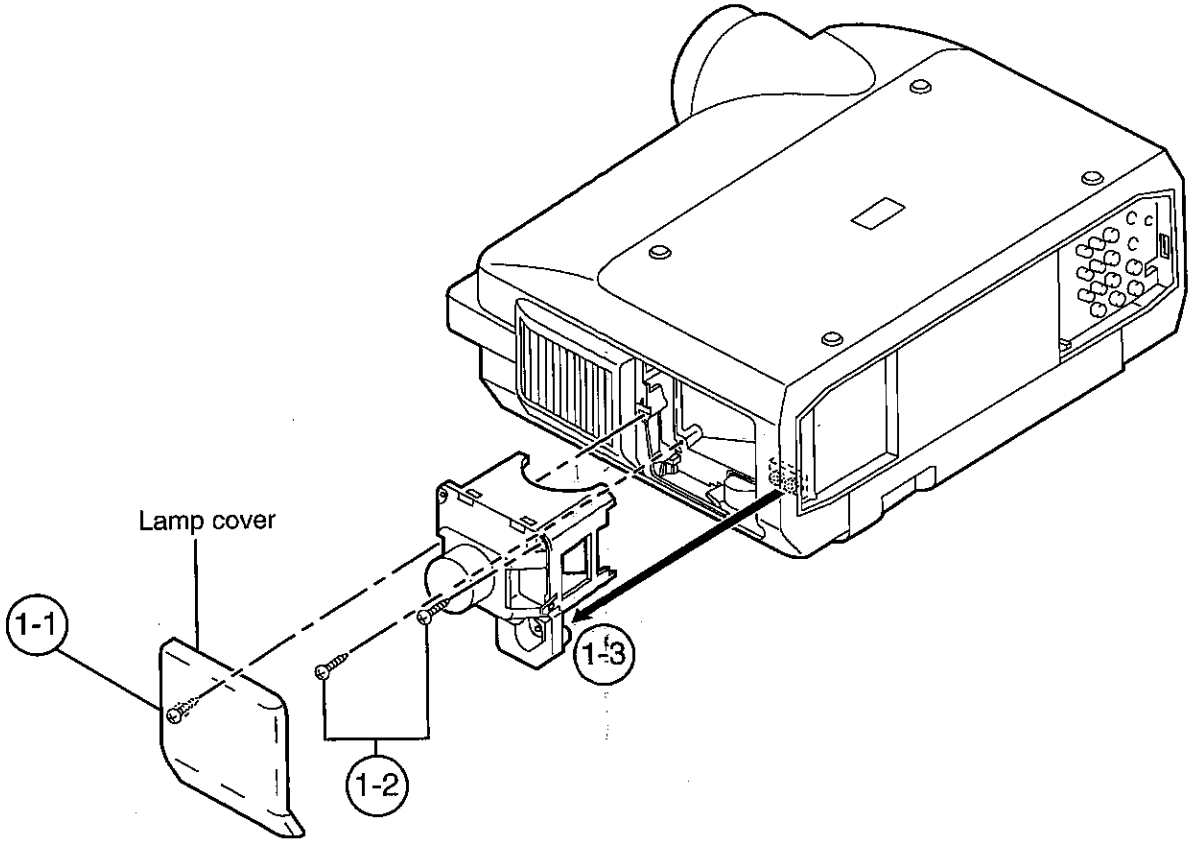
REMOVAL OF MAJOR COMPONENTS

1. Removing the lamp unit

1-1. Remove the screw off the lamp cover and detach the cover.

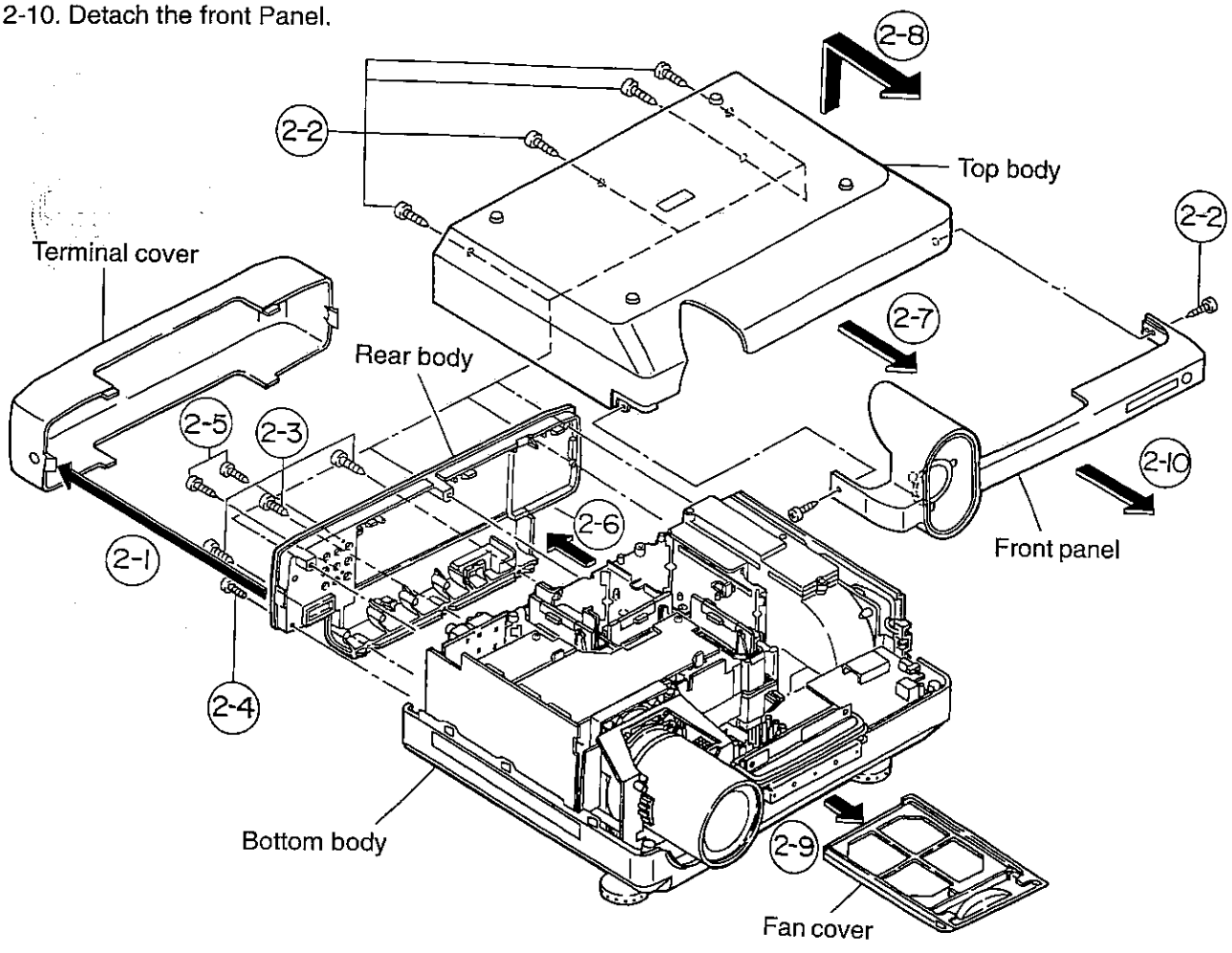
1-2. Remove the two screws off the lamp unit.

1-3. Draw out the lamp unit.



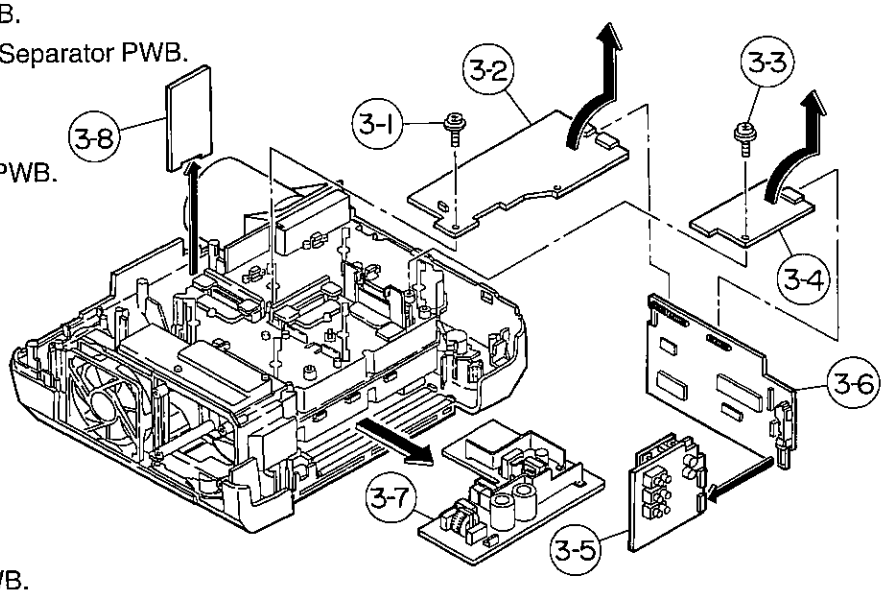
2. Removing the top and bottom body as well as the fan cover.

2-1. Undo the hooks at both ends of the Terminal cover.
2-2. Remove the six screws off the top body.
2-3. Remove the three screws off the rear body.
2-4. Remove the screw off the rear body.
2-5. Remove the two screws off the input PWB.
2-6. Detach the rear body.
2-7. Slide the top body about 10 mm forward.
2-8. Holding up its back about 30 mm high, push the top body forward of f position.
2-9. Detach the fan cover.
2-10. Detach the front Panel.



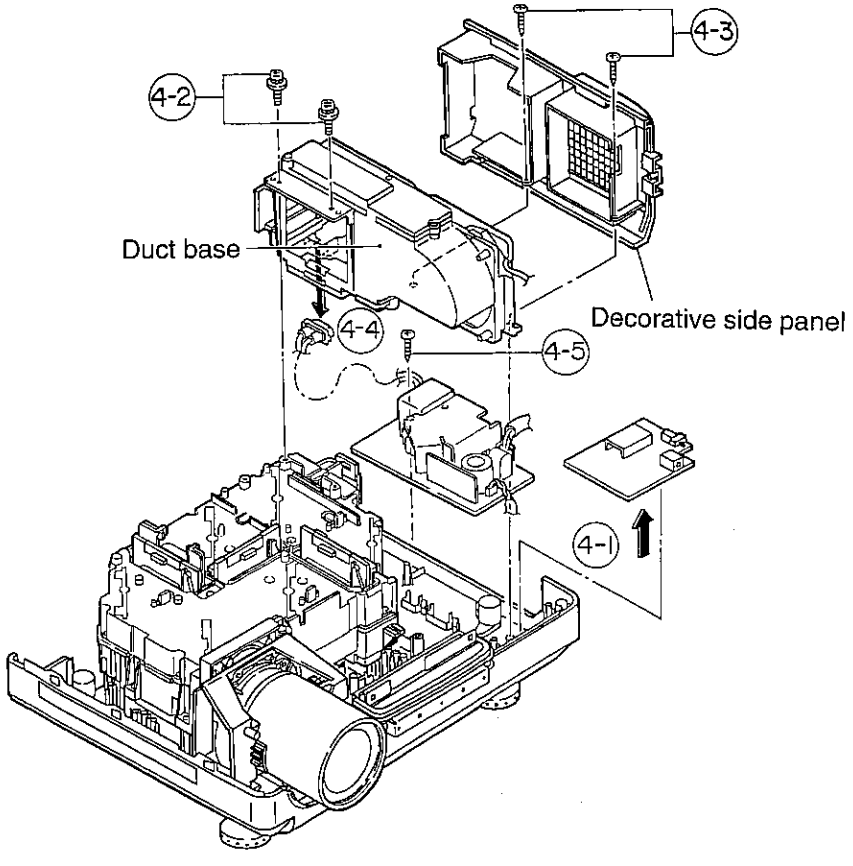
3. Removing the Main and Sub PWBs

3-1. Remove the screw off the Control PWB.
3-2. Take out the Control PWB.
3-3. Remove the screw off the Scan Converter PWB.
3-4. Take out the Scan Converter PWB.
3-5. Take out the input PWB and Y/C Separator PWB.
3-6. Take out the Main PWB.
3-7. Take out the Power PWB.
3-8. Take out the Sharpness Control PWB.



4. Removing the PWBs

4-1. Take out the Audio Amp/LED PWB.
4-2. Remove the two screws off the fan unit.
4-3. Remove the two screws off the decorative side panel.
4-4. Disconnect the Ballast PWB socket.
4-5. Remove the screw to take out the Ballastr PWB.

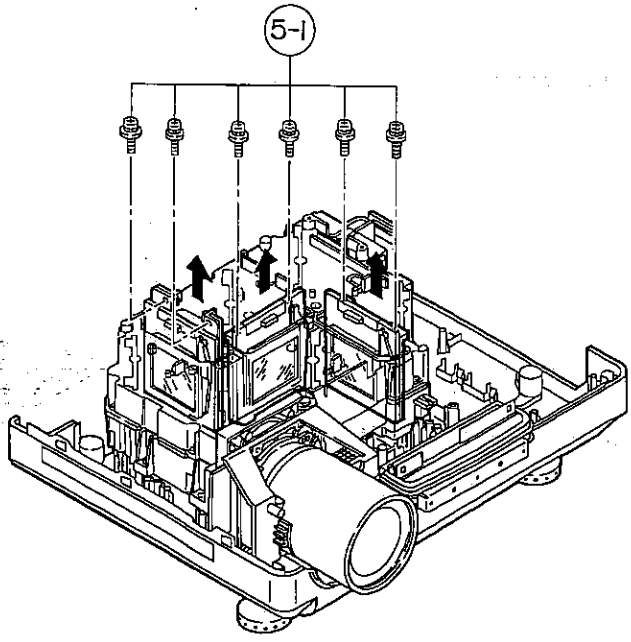


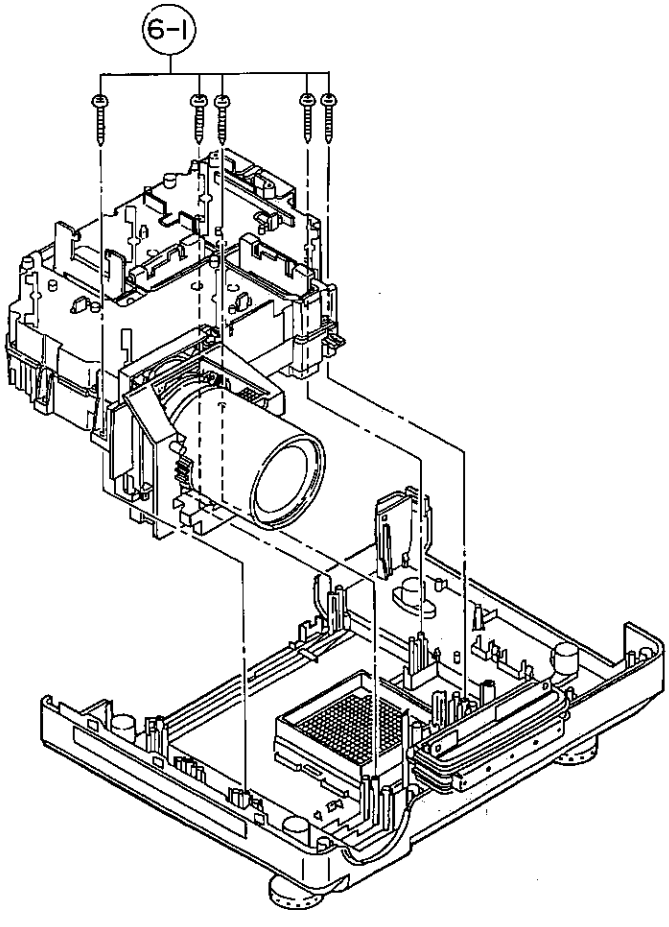
5. Replacing the LCD panels

5-1. Remove the screws, two each from the R, G and B LCD panels, and take out the panels.

6. Taking out the optical mechanism

6-1. Remove the five screws off the optical mechanism, and detach the mechanism.





Technische Daten

Produkttyp		LCD-Projektor
Modell		XV-3400S / SB
System		PAL-/SECAM-/NTSC 3.58-/NTSC 4.43-System
Wiedergabeverfahren		3 LCD-Projektionspanele, dreifarbiges optisches Verschlußverfahren
LCD-Projektionspanele	Panelgröße	3 Zoll (4,5 cm (H) × 6,2 cm (B))
	Wiedergabeverfahren	Durchlässige TN-Flüssigkristall-Panele
	Treiberverfahren	TFT (Dünnfilmtransistor) Aktivmatrix-Treiberverfahren
	Anzahl der Bildpunkte	309.120 Bildpunkte × 3 Panele
Objektiv		1 - 1,6 Zoomobjektiv, F=3,5 - 4,4 f=100 mm - 160 mm
Projektionslampe		350 W Metallhalogen-Entladungslampe
Kontrastverhältnis		100:1
Videoeingangssignal (FBAS)		BNC-Anschluß: VIDEO, Composite Video, 1 Vs-s, negatives Sync.-Signal, 75 Ω terminiert RCA-Anschluß: AUDIO, 142 mVrms, mehr als 47 kΩ (Stereo)
S-Videoeingangssignal		4-pol. Mini-DIN-Steckanschluß Y (Luminanz-Signal): 1 Vs-s, negatives Sync.-Signal, 75 Ω terminiert C (Chrominanz-Signal): Farbsynchronimpuls 0,286 Vs-s, 75 Ω terminiert
Videoausgangssignal (Monitor)		BNC-Anschluß: VIDEO, Composite Video, 1 Vs-s, negatives Sync.-Signal, 75 Ω terminiert RCA-Anschluß: AUDIO, 142 mVrms, mehr als 47 kΩ (Stereo)
Horizontale Auflösung		500 Fernsehzeilen (Videoeingang)
Audioausgang		3 W (monaural)
RGB-Videoeingangssignal	Videosignal	BNC-Anschluß: Getrennter analoger RGB-Signaleingang: 0-0,7 Vs-s, positiv, 75 Ω terminiert RCA-Buchse: AUDIO, 142 Vrms, mehr als 47 kΩ (Stereo)
	Composite Sync.-Signal	TTL-Pegel
Lautsprecher		3 Zoll (8 cm), rund
Nennspannung		200 - 240 V Wechselstrom
Nennfrequenz		50/60 Hz
Nennaufnahme		445 W
Betriebstemperatur		5°C - 40°C
Lagertemperatur		-20°C - 55°C
Gehäuse		Kunststoff
Abmessungen (BxTxH)		550 × 471 × 230 mm (nur Projektor) 550 × 538 × 230 mm (einschl. Anschluß-Abdeckung)
Gewicht		15,0 kg (nur Projektor) 15,3 kg (einschl. Anschluß-Abdeckung)
Mitgeliefertes Zubehör		Fernbedienung, twei AAA-Batterien, Objektivkappe (installiert), Schutzabdeckung für erhöhte Aufstellung, vier Kabelschutz-Stöpsel, Display-Aufkleber für umgekehrte Installation, Ersatz-Luftfilter, Anschluß-Abdeckung, zwei BNC-RCA-Adapter
Sonderzubehör		Fernbedienung, Luftfilter

Dieser Projektor ist mit LCD (Flüssigkristallanzeige)-Projektionspanelen ausgestattet. Diese neuartigen Projektionspanele enthalten TFT's (Dünnfilm-Transistoren) mit insgesamt 309.120 Bildpunkten (xRGB). Bei allen technologisch fortschrittlichen elektronischen Geräten, z.B. Großbild-Fernsehern, Videosystemen oder Videokameras, sind bestimmte Toleranzgrenzen für die Funktionen gegeben.
Die von Sharp akzeptierte Toleranzgrenze erlaubt insgesamt sechs (6) inaktive TFTs (einschließlich schwarzer Flecken), die als beleuchtete Punkte auf der Bildwand wiedergegeben werden.
Dies hat keinen Einfluß auf die Bildqualität und die Lebenserwartung des Gerätes.

*Änderungen der technischen Daten vorbehalten.

HINWEIS FÜR DAS WARTUNGSPERSONAL

ACHTUNG: UV-STRAHLUNG

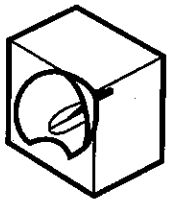
Die Lichtquelle im LCD-Projektor, eine Metall-Halogen-Lampe, gibt eine geringe UV-Strahlung ab.

DIREKTE BESTRAHLUNG AUF AUGEN UND HAUT MUSS VERMIEDEN WERDEN.

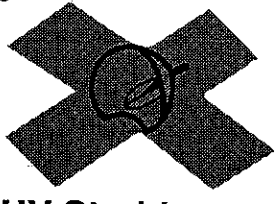
Zur Gewährleistung der Sicherheit muß folgendes beachtet werden:

1. Bei Arbeiten am Projektor bei eingeschalteter Lampe und abgenommenem oberen Gehäuse muß unbedingt eine Sonnenbrille getragen werden.

2. Die Lampe darf nicht außerhalb des Lampengehäuses eingeschaltet werden.



3. Betrieb für länger als 2 Stunden bei abgenommenem Gehäuse ist nicht zulässig.



Zur Beachtung bei UV-Strahlung und Mitteldruck-Lampen

1. Vor dem Auswechseln der Lampe muß der Netzstecker gezogen werden.
2. Vor Durchführung von Wartungsarbeiten muß das Gerät eine Stunde abkühlen.
3. Die Lampe darf nur gegen eine der gleichen Art ausgewechselt werden. Typ CLMPF0034DE07, bemessen für 65 V/350 W.
4. Die Lampe gibt eine geringe UV-Strahlung ab, daher muß direkter Augenkontakt vermieden werden.
5. Die Mitteldruck-Lampe weist ein Explosionsrisiko auf. Daher müssen die nachstehenden Installationsanweisungen beachtet werden, und die Lampe muß vorsichtig behandelt werden.

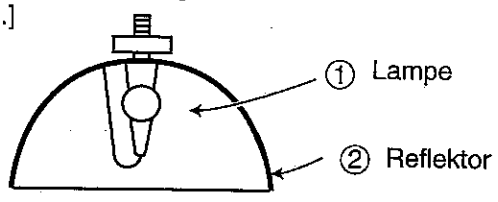
■ Auswechseln der Lampe

Hinweis:

Da die Lampe während des Betriebs sehr heiß wird, sollte die Lampe erst ausgewechselt werden, nachdem das Gerät mindestens eine Stunde ausgeschaltet war, damit die Lampe ausreichend abkühlen kann.

Beim Installieren der neuen Lampe muß darauf geachtet werden, die Lampe selbst (Glaskolben) nicht zu berühren. Vielmehr muß die Lampe am Reflektor ② gehalten werden.

[Es darf nur ein Original-Ersatzteil verwendet werden.]



GEFAHR! — Niemals die Spannungsversorgung einschalten, ohne daß eine Lampe vorhanden ist, um elektrische Schläge und Schäden am Gerät zu vermeiden, da der Stabilisator anfangs hohe Spannungen erzeugt.

Da eine geringe UV-Strahlung aus einer Öffnung zwischen der Schachtabdeckung und dem Lampengehäuse austritt, sollte der Objektivdeckel bei Wartungsarbeiten auf die Öffnung gesetzt werden, um die Bestrahlung von Augen und Haut zu vermeiden (Abb. 1).

Hinweis: Besorgen Sie sich einen Objektivdeckel, bevor Sie Arbeiten einem Modelle XV-3400S/SB durchführen, das keinen Objektivdeckel aufweist.

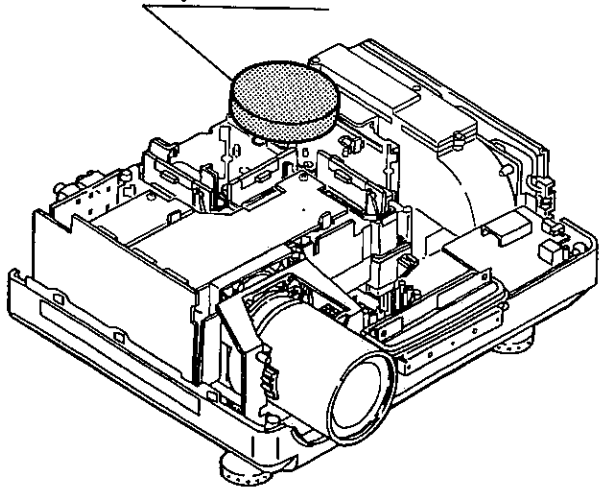
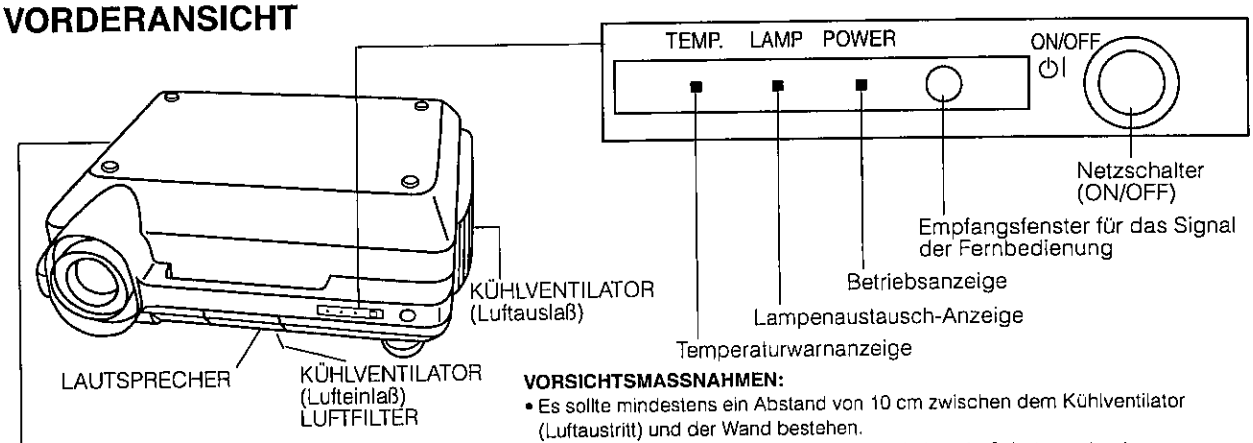


Abbildung 1.

Lage der Bedienelemente

VORDERANSICHT



VORSICHTSMASSNAHMEN:

- Es sollte mindestens ein Abstand von 10 cm zwischen dem Kühlventilator (Luftaustritt) und der Wand bestehen.
- Wenn der Kühlventilator versperrt wird, schaltet ein Schutzmechanismus automatisch die Projektorlampe aus. Dies zeigt keine Fehlfunktion an. Den Netzstecker des Projektors von der Steckdose abtrennen und 10 Minuten lang warten. Durch den Anschluß des Netzkabels an die Steckdose wird das Gerät wieder eingeschaltet und der Projektor ist wieder auf die normale Betriebsart zurückgestellt.

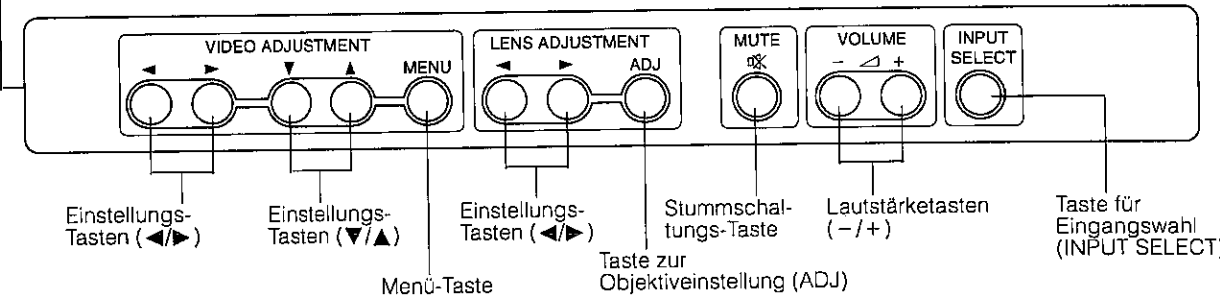
BEDIENFELD AUF DER SEITE DES PROJEKTORS

Leuchtstoff-Display

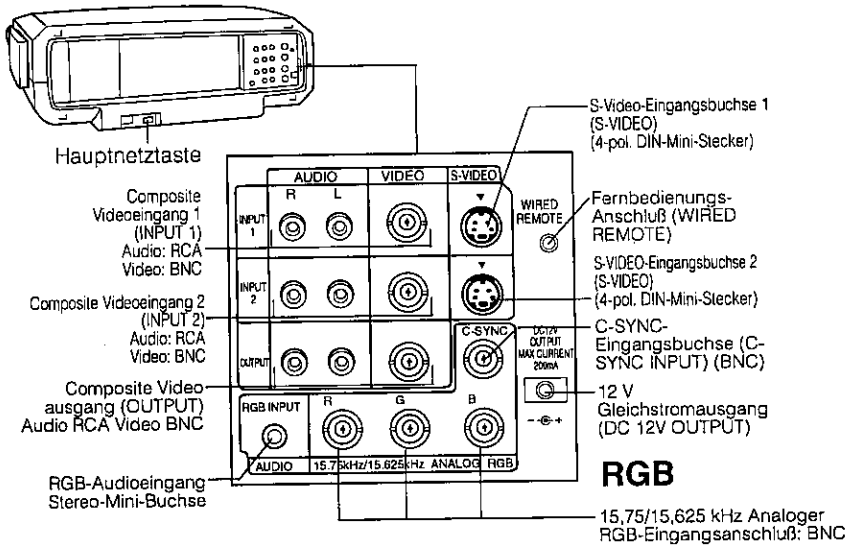
Zur Verbesserung der Ablesbarkeit sind die auf der rechten Seite befindlichen Bedienelemente mit einem Leuchtstoff-Display ausgestattet, das nach Einwirkung des Umgebungslichts im Dunkeln nachleuchtet. (Nachleuchtstärke)

Nach ca. 10 Min. unter Sonnen- oder Kunstlicht mit 500 Lux Lichtstärke leuchtet das Display etwa 1 Stunde nach.

(**Hinweis:** 500 Lux entspricht der Lichtstärke in ca. 1 - 1,5 Meter Abstand unter einer 40-Watt-Leuchtstoffröhre)



RÜCKSEITE

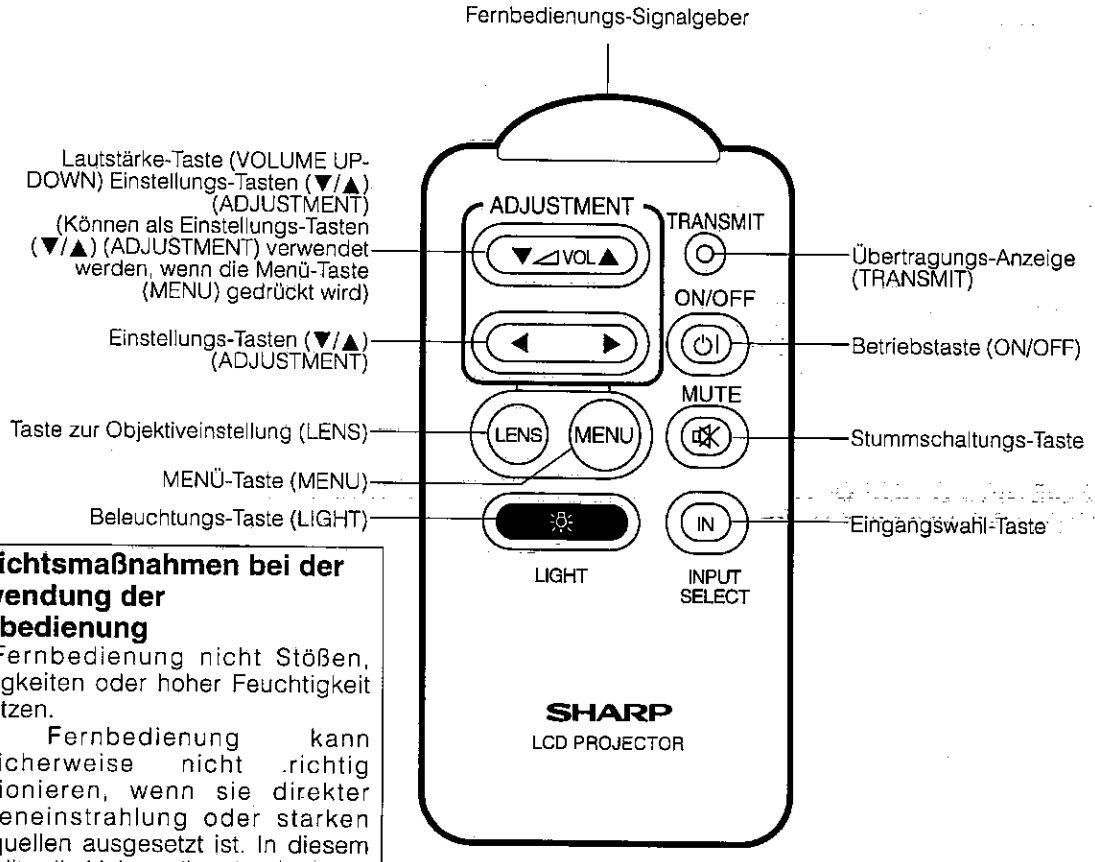


Hinweis:

- Wenn 200 mA oder mehr am 12 V Gleichstromausgang (DC 12V OUTPUT) abgenommen wird, schaltet eine Schutzschaltung automatisch den Projektor aus und stellt ihn auf die Bereitschafts-Betriebsart ein.

Fernbedienter Betrieb

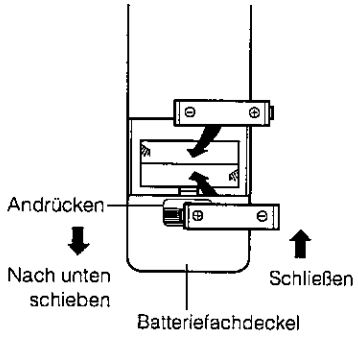
FERNBEDIENUNG



Vorsichtsmaßnahmen bei der Verwendung der Fernbedienung

Die Fernbedienung nicht Stößen, Flüssigkeiten oder hoher Feuchtigkeit aussetzen.

Die Fernbedienung kann möglicherweise nicht richtig funktionieren, wenn sie direkter Sonneneinstrahlung oder starken Lichtquellen ausgesetzt ist. In diesem Fall sollte die Lichtquelle oder der LCD-Projektor verschoben werden.



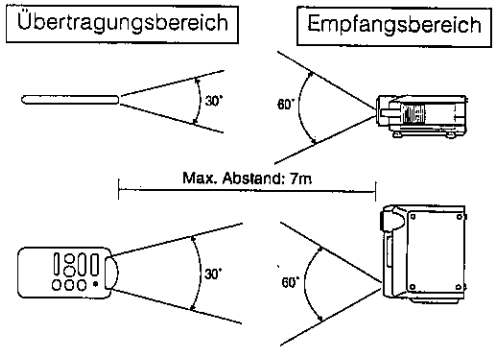
Einsetzen der Batterien

Die Batteriefachabdeckung wie gezeigt entfernen, twei Batterien (Größe AAA) einsetzen und sicherstellen, daß die Polarität den Markierungen (+) und (−) im Batteriefach entspricht.

HINWEISE:

Eine falsche Verwendung kann die Batterien zum Auslaufen oder Explodieren bringen.

- Die Batterien unter Beachtung der (+) und (−) Pole wie gezeigt richtig einsetzen.
- Die Batterien aus der Fernbedienung entnehmen, wenn sie für längere Zeit nicht verwendet wird.
- Die Batterien immer sauber halten.
- Unterschiedliche Batteriearten nicht zusammen verwenden. Die Lebensdauer der neuen Batterien wird dadurch verkürzt und die alten Batterien können auslaufen.
- Verbrauchte Batterien sollten sofort entnommen werden, um Auslaufen und Beschädigungen zu vermeiden. Ausgelaufene Batterieflüssigkeit kann zu Hautirritationen führen. Ausgelaufene Batterieflüssigkeit mit einem Tuch entfernen.
- Wegen unterschiedlicher Lagerbedingungen können die mitgelieferten Batterien früher als angegeben verbraucht sein. Verbrauchte Batterien sollten so schnell wie möglich durch neue ausgetauscht werden.



Verwendung der Fernbedienung

Die Fernbedienung wie gezeigt verwenden.

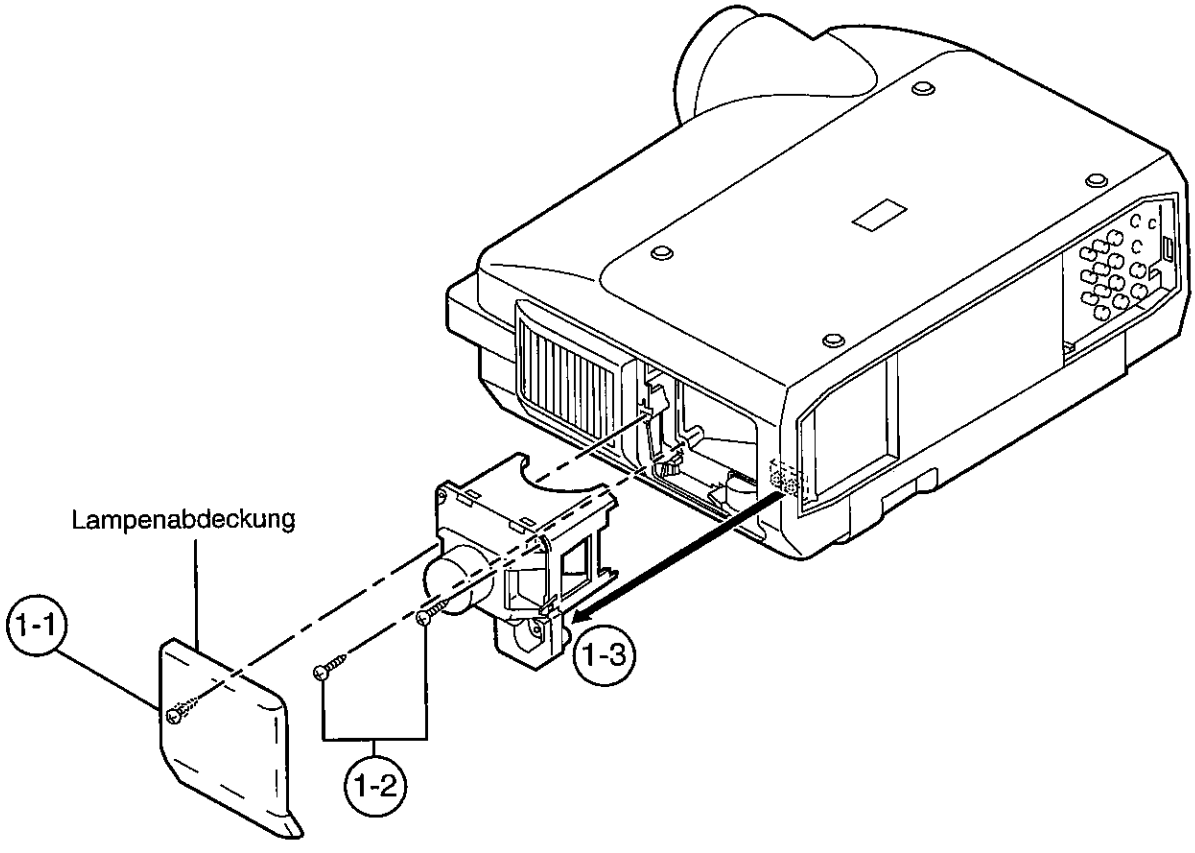
ENTFERNEN DER WICHTIGSTEN TEILE

1. Entfernen der Lampeneinheit

1-1. Die Schraube von der Lampenabdeckung entfernen und die Abdeckung abnehmen.

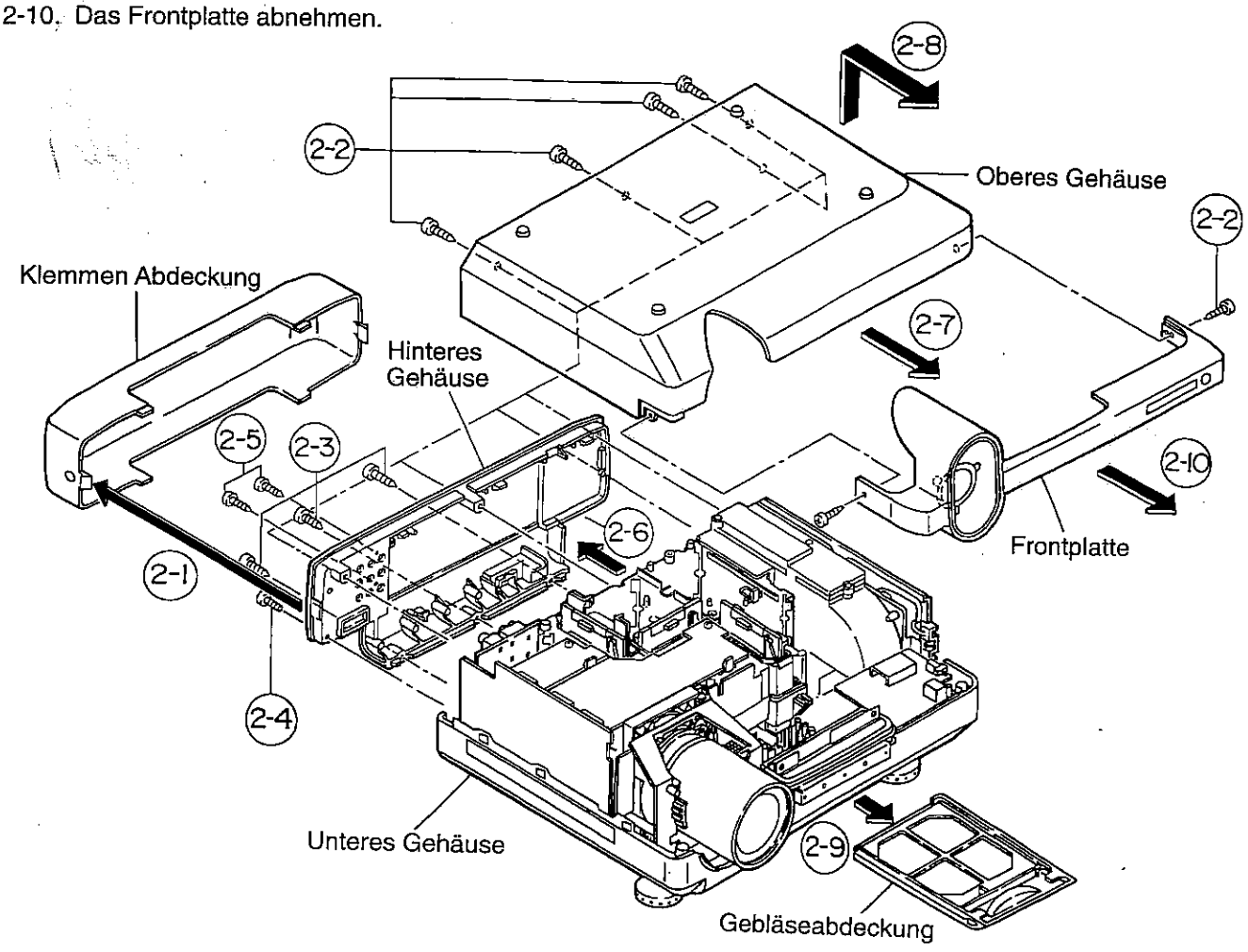
1-2. Die zwei Schrauben von der Lampeneinheit entfernen.

1-3. Die Lampeneinheit herausziehen.



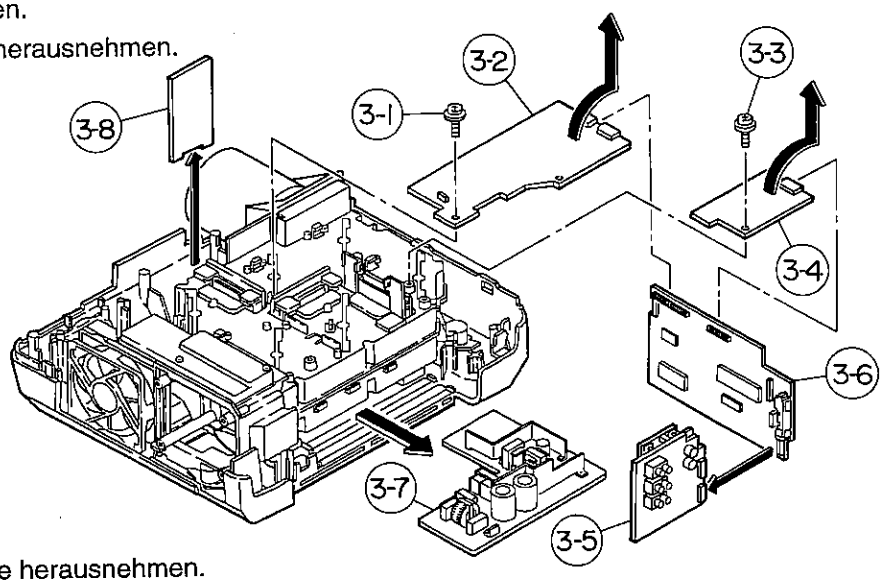
2. Entfernen des oberen und unteren Gehäuses sowie der Gebläseabdeckung

2-1. Die Haken an beiden Enden des klemmen Abdeckung lösen.
2-2. Die sechs Schrauben vom oberen Gehäuse entfernen.
2-3. Die drei Schrauben vom hinteren Gehäuse entfernen.
2-4. Die Schraube vom hinteren Gehäuse entfernen.
2-5. Die zwei Schrauben von der Eingangsplatine entfernen.
2-6. Das hintere Gehäuse abnehmen.
2-7. Das obere Gehäuse um etwa 10 mm nach vorne schieben.
2-8. Die Rückseite des oberen Gehäuses etwa 30 mm hoch halten und das obere Gehäuse dabei nach vorne abschieben.
2-9. Die Gebläseabdeckung abnehmen.
2-10. Das Frontplatte abnehmen.



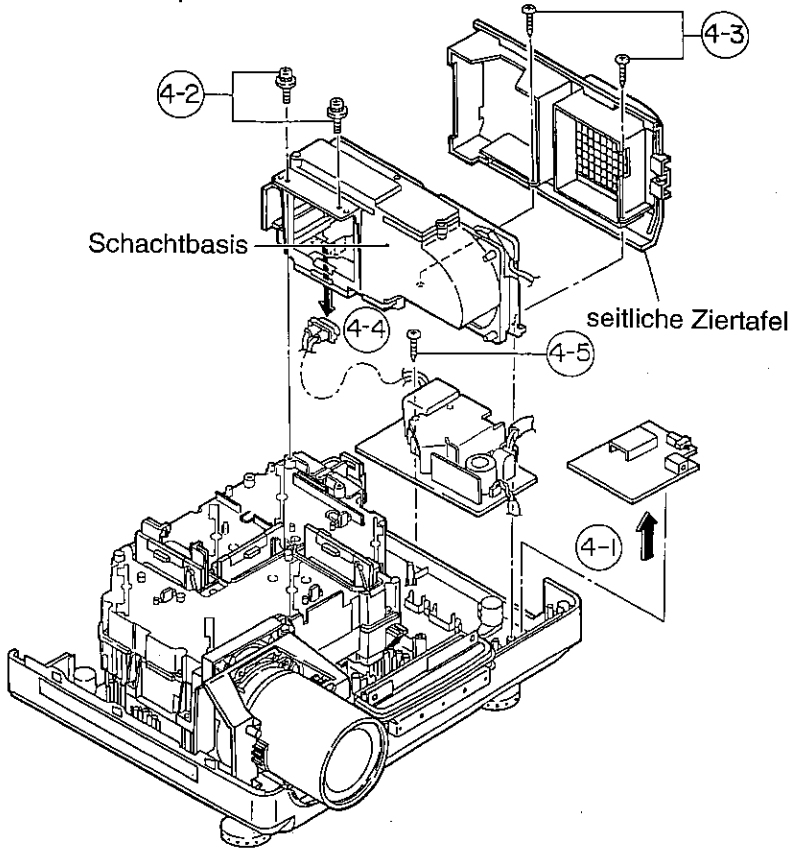
3. Entfernen der Haupt- und Nebenplatine

3-1. Die Schraube von der Steuerplatine entfernen.
3-2. Die Steuerplatine herausnehmen.
3-3. Die Schraube von der Scan-Wandlerplatine entfernen.
3-4. Die Scan-Wandlerplatine herausnehmen.
3-5. Die Eingangsplatine und die Y/C-Trennplatine herausnehmen.
3-6. Die Hauptplatine herausnehmen.
3-7. Die Netzteilplatine herausnehmen.
3-8. Die Schärfensteuerungsplatine herausnehmen.



4. Entfernen der Platinen

4-1. Die Audioverstärker/LED-Platine herausnehmen.
4-2. Die zwei Schrauben von der Gebläseeinheit entfernen.
4-3. Die zwei Schrauben von der seitlichen Ziertafel entfernen.
4-4. Die Steckverbindung mit der Ballastplatine lösen.
4-5. Die Schraube losdrehen, um die Ballastplatine zu entfernen.

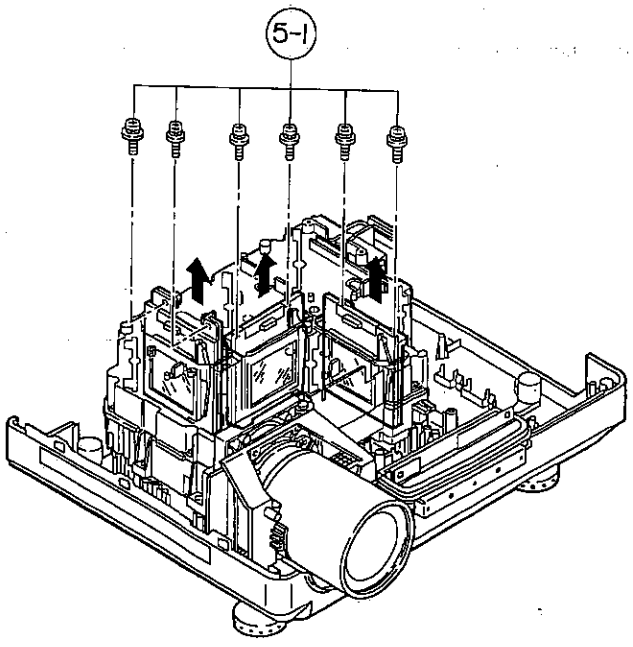


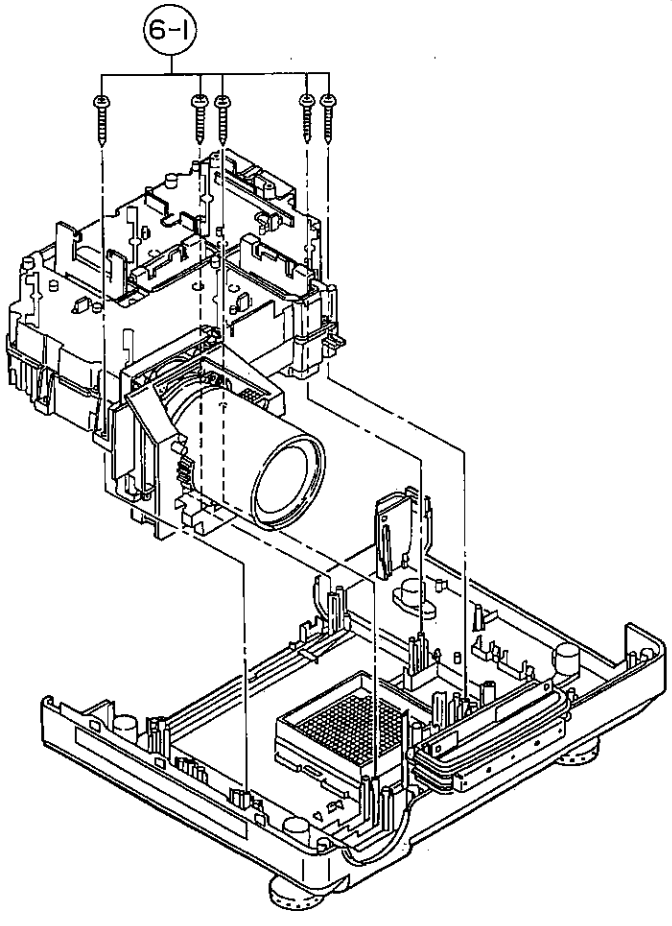
5. Auswechseln der LCD-Tafeln

5-1. Die Schrauben entfernen, je zwei von der R-, G- und B-LCD-Tafel, und die Tafeln herausnehmen.

6. Herausnehmen des optischen Mechanismus

6-1. Die fünf Schrauben vom optischen Mechanismus entfernen und dann den Mechanismus abnehmen.





規格參數

產品類型		液晶投影機
型號		XV-3400S / SB
顯示方法		3塊液晶板，RGB三色光學色盤方法
制式		PAL/SECAM/NTSC3.58/NTSC4.43
液晶顯示板	尺寸	3″(長4.5厘米×寬6.2厘米)
	顯示方法	半透明TN水晶板
	驅動方法	薄膜晶體管(TFT)活性矩陣板
	像素數量	309,120像素點×3塊
鏡頭		1～1.6變焦鏡頭，F＝3.5～4.4，f＝100～160毫米
投影燈泡		350瓦金屬鹵燈
反差比(對比度)		100：1
視頻輸入訊號		BNC連接器：視頻，復合視頻，峰間值1伏，負同步，75歐姆終端 RCA連接器：聲頻，142毫伏有效值，大於47千歐姆(立體聲)
S-視頻輸出訊號		4芯小型DIN連接插頭 Y(亮度訊號)：峰間值1伏，負同步，75歐姆終端 C(色度訊號)：脈衝峰間值0.286伏，75歐姆終端
視頻（顯示機）訊號		BNC 連接器：視頻，復合視頻，峰間值 1 伏，負同步，75 歐姆終端 RCA 連接器：聲頻 142 毫伏有效值，大於 47 千歐姆（立體聲）
水平解像度		500行電視掃描
聲頻輸出		3瓦(單耳聲)
RGB視頻輸入訊號	視頻訊號	BNC連接器：RGB分離型模擬輸入：峰間值0～0.7伏，正極，75歐姆終端 RCA插口：聲頻，142毫伏有效值，大於47千歐姆(立體聲)
	復合同步訊號	TTL 電平
揚聲器		3″(8厘米)圓形
電壓		交流200～240伏
電頻		50/60赫
耗電量		445瓦
工作溫度		攝氏5度～40度
儲藏溫度		攝氏零下20度～55度
外殼		塑膠
尺寸(寬×深×高)		機體550×471×230毫米、加罩蓋550×538×230毫米
重量		機體15.0公斤、加罩蓋15.3公斤
隨機附件		遙控器、2節AAA電池、鏡頭蓋（已裝於鏡頭）、倒貼標簽、預備空氣過濾器、端子罩蓋、高架防塵罩、4個繞線腳、2個球面轉接插頭（BNC/RCA）
另售附件		遙控器、空氣過濾器

本投影機使用了液晶顯示板。這些非常精密的顯示板裡共含有390,120個三色像素的薄膜管。任何高技術電子設備，如大屏幕電視機、錄影系統及攝錄機等，都允許有一定的誤差範圍存在。
SHARP公司認的誤差度允許存在不起作用的薄膜晶體管的總數爲6個，(包括黑點)，它們在銀幕上表現爲亮點。但是，這並不影響圖像質量及投影機的使用壽命。

*規格參數若有變更，恕不另行通知。

保养维修人员须知

紫外线辐射注意事项

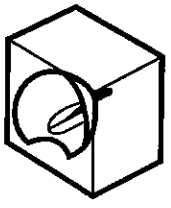
本液晶投影机的光源—金属检卤灯使用时会产生少量的紫外线辐射。

防止眼睛和皮肤的直接曝射。

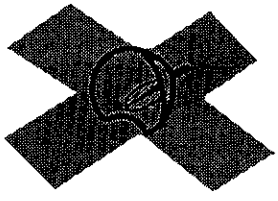
为保证安全，务请遵守下列注意事项：

1. 揭去投影机顶盖并打开金属检卤灯进行检查维修时，务请戴用太阳墨镜。

2. 切勿随意修弄金属检卤灯灯室外壳。



3. 揭去投影机顶盖的保养维修不得超过2小时以上。



紫外线辐射与中压灯的注意事项

1. 更换中压灯前，请先拔除电源插头。
2. 保养维修该装置前，请先让其冷却一小时以上。
3. 更换中压灯只得用同类型号者：CLMPF0034DE07，额定值65V/350W。
4. 该灯点亮时有少量紫外线辐射发生，切勿直接曝照裸眼。
5. 中压灯有引起爆炸之危险。安装、保养及维修时，务请按下述要求谨慎处理之。

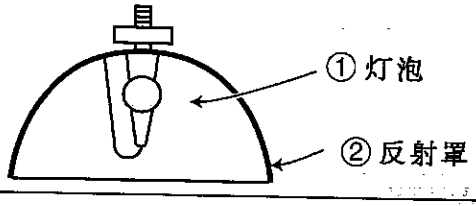
■金属检卤灯的更换

注意：

该灯于点亮时所达温度极高。因此，更换该灯至少应在关灯后一小时再进行。（让该灯充分冷却。）

用手安装新灯时，只得抓握检卤灯反射罩②进行安装，切勿用手触碰灯泡电珠。

〔更换新灯只得用规定正品。〕



危险！一没安装金属检卤灯时，不得打开电源开关。因为引入电源后，稳压器便随即发生极高的电压，足以引起人身高压触电或装置损坏的危险。

揭开机壳进行维修时，少量的紫外线可从导管盖和灯室间的开口处辐射而出。因此，必须用镜头盖按下图（图1）所示遮住导管盖和灯室间的开口，以防紫外线辐射造成眼睛或皮肤的受伤。

注意：对未附带镜头盖的型号XV-3400S/SB作保养及检修时，必须先准备镜头盖，盖上后进行之。

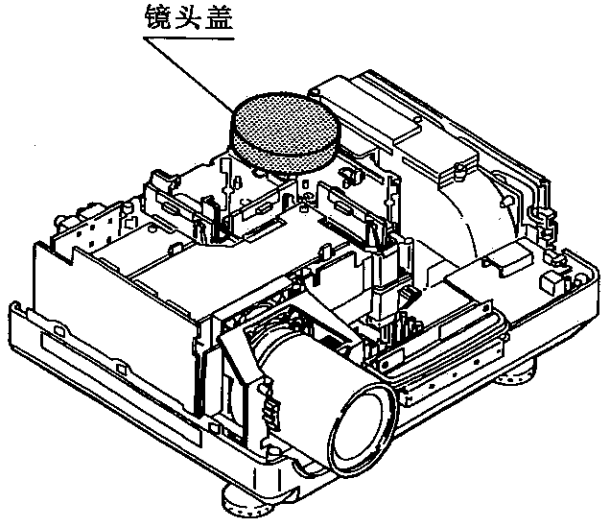
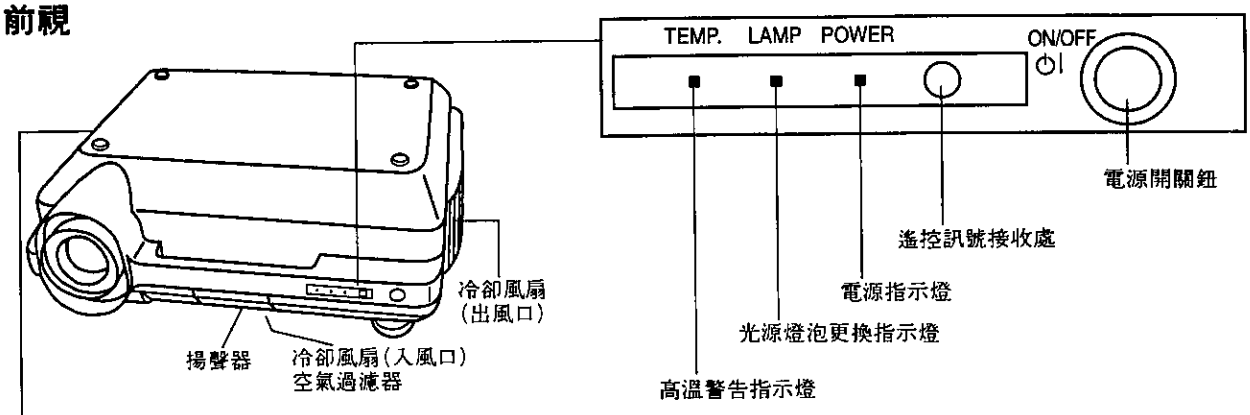


图1

控制鈕的位置

前視



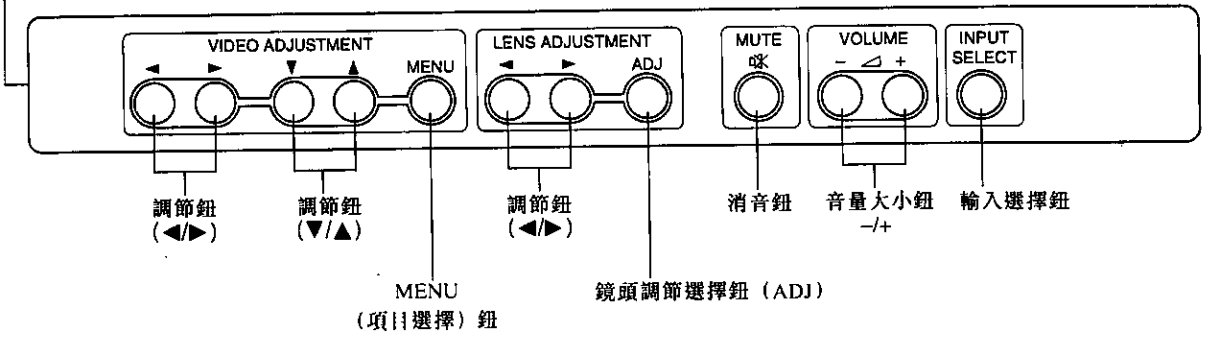
注意：

- 放置投影機時，要使冷卻風扇部分(出風口)與牆壁保持10厘米以上的距離。
- 如果冷卻風扇被堵塞，機內的保護電路就會啓動，光源(燈泡)隨之便熄滅。這種情況不屬於故障，因此，只要將電源插頭從插座上拔下，並等待10分鐘左右，再將電源插上即可恢復正常。

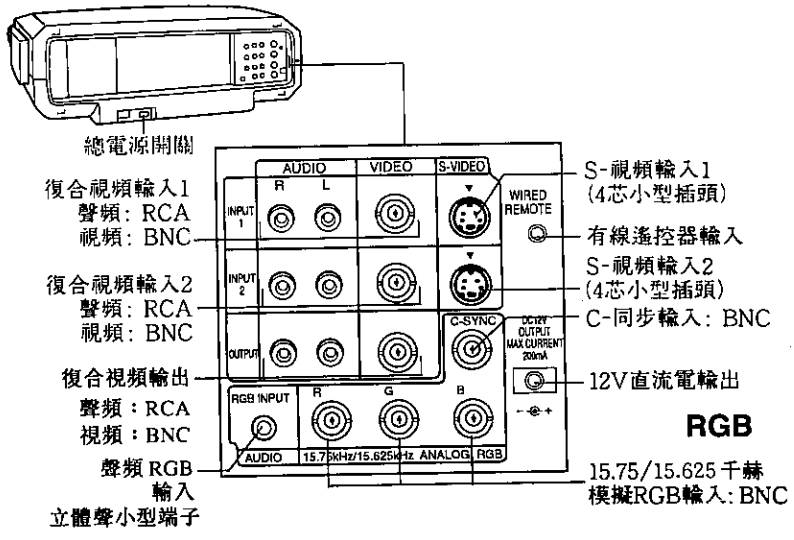
投影機側面操作板

夜光性顯示器

爲了容易觀看，在右邊的操縱用夜光性顯示器。當露出環繞光線的時候，夜光性顯示器會在黑暗發光。
(發光率) 當露出太陽光或者高於500勒克司的其他光線大約10分鐘左右時，顯示器會發光持續1小時。
(注意：500勒克司＝1～1.5m直接低於一個40W的熒光燈。)



後視

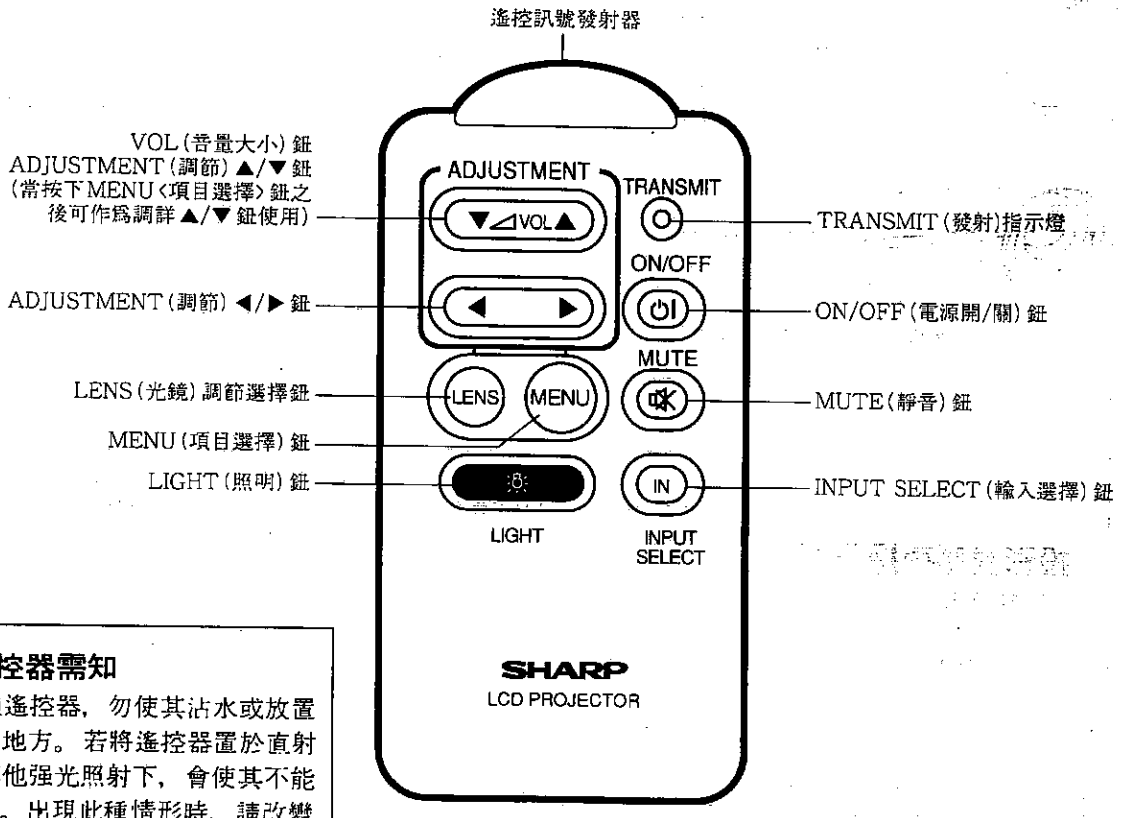


注意：

- 當大於200毫安的電流通過12V直流電輸出口時，投影機的安全裝置將啓動，自動關閉投影機並使其進入待機狀態。

遙控器的使用方法

遙控器

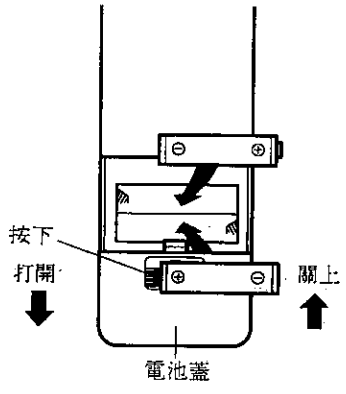


使用遙控器需知

切勿摔碰遙控器，勿使其沾水或放置在潮濕的地方。若將遙控器置於直射陽光或其他强光照射下，會使其不能正常工作。出現此種情形時，請改變光源或遙控器的位置。

安裝電池

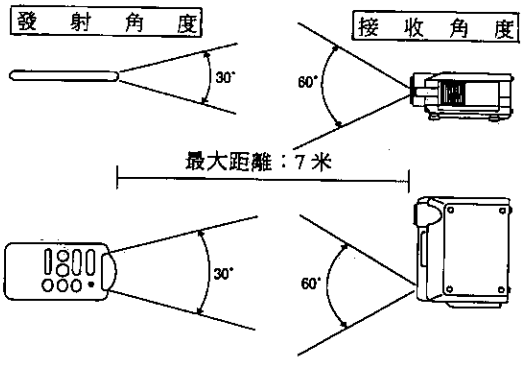
如圖所示卸下電池蓋，裝入2節AAA型電池。務請注意電池之極性必需符合電池槽內之(+)和(−)的標記。



註：

電池使用不當會造成漏液或爆裂。

- 插入電池時必須使其極性與電池槽內標出的極性（＋）、（—）相一致。
- 若長期不用遙控器，應將電池取出。注意保持電池乾淨。
- 始終保持電池的乾淨。
- 切勿將商標不同的電池混合使用。新舊電池的混合使用會使新電池的壽命縮短，而舊電池則會漏液。
- 當電池耗盡之後，應立刻取出以防漏液損傷遙控器。漏出的電池液體對皮膚有刺激，擦拭時應用乾布。
- 由於隨機附件的電池受庫存條件及庫存時間影響，可能會在短時間內用完。應盡早更換新的電池。



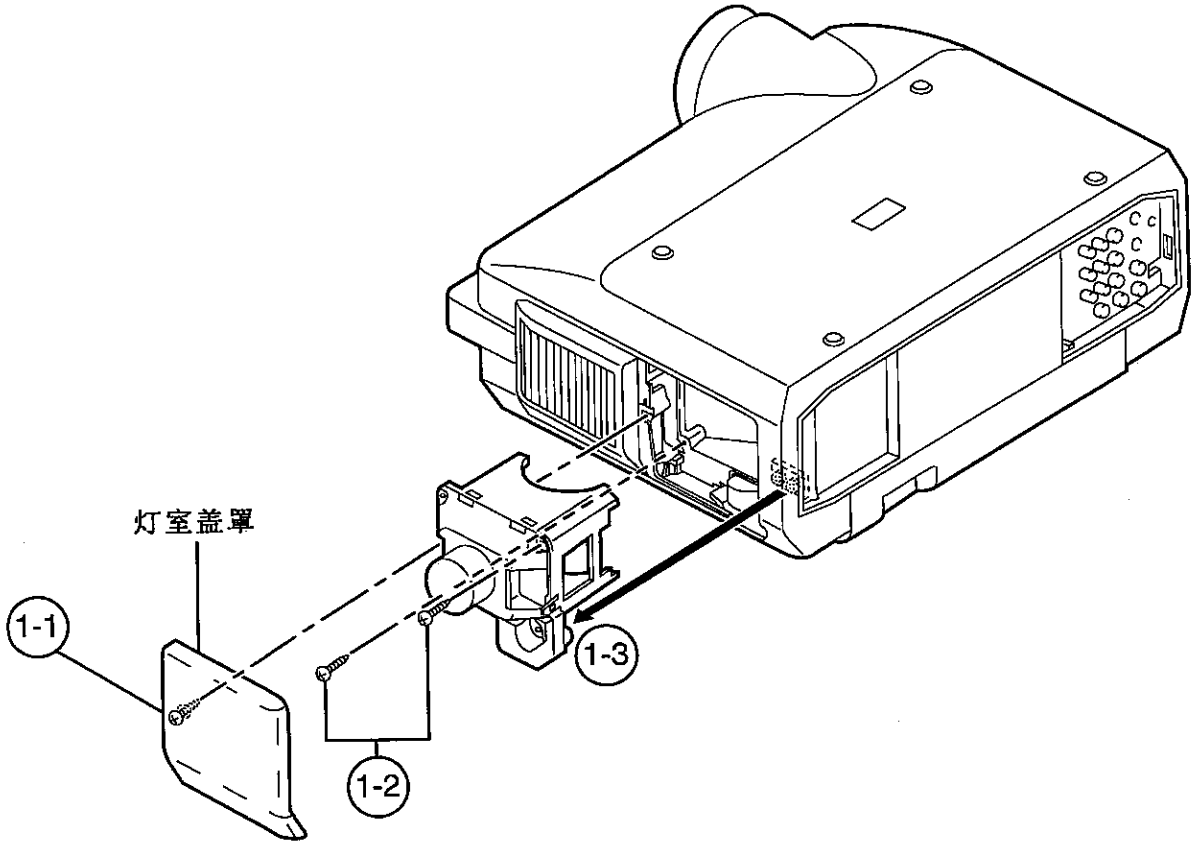
遙控器的操作

◇ 遙控器的操作按左圖所示。

主要部件的拆卸

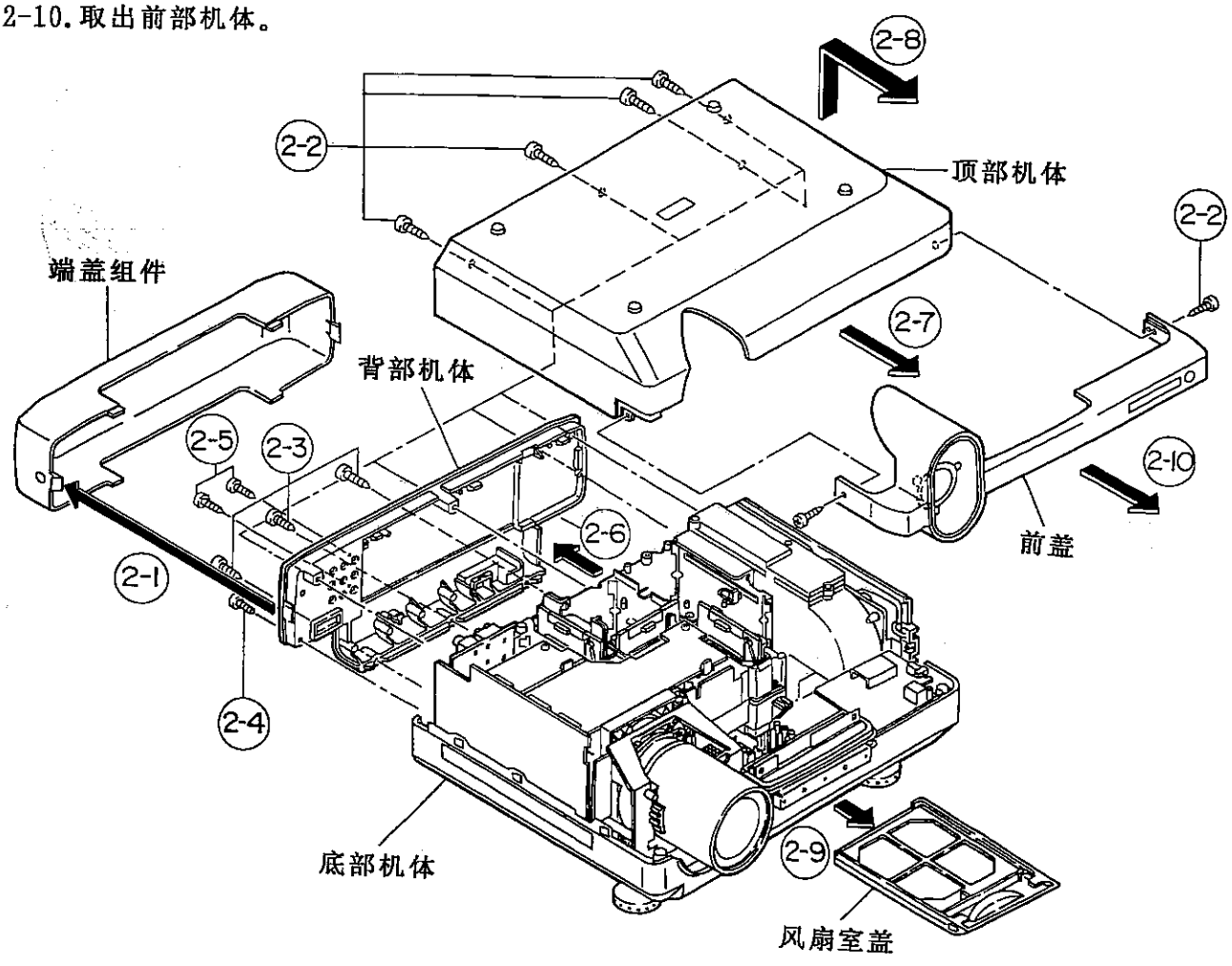
1. 投影灯装置的拆卸

1-1. 松去灯室盖罩的固定螺丝，取下灯室盖罩。
1-2. 松去投影灯装置的两支固定螺丝。
1-3. 取下投影灯装置。



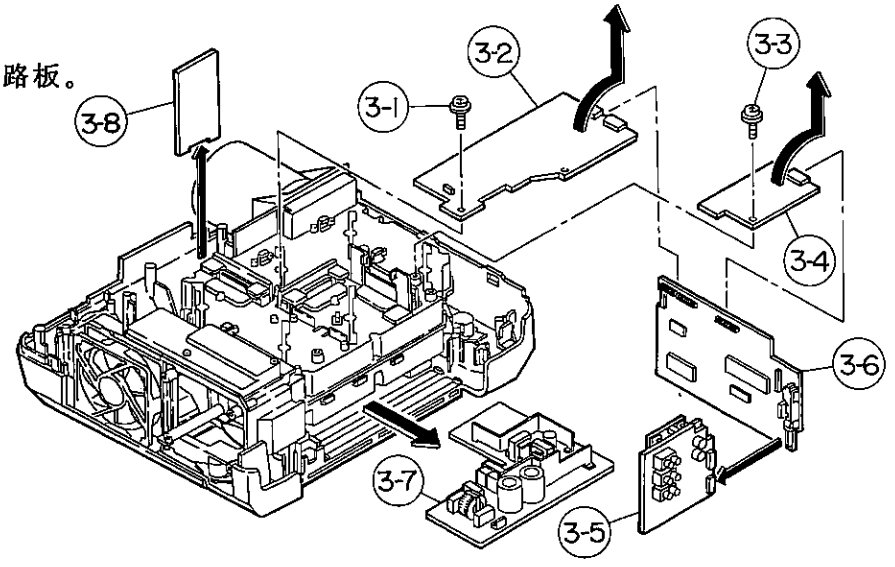
2. 顶部机体、底部机体及风扇室盖的拆卸

2-1. 松去后盖两侧卡扣，端盖组件。
2-2. 松去顶部机体的六支固定螺丝。
2-3. 松去背部机体的三支固定螺丝。
2-4. 松去背部机体的一支固定螺丝。
2-5. 松去输入电路印刷电路板上的两支固定螺丝。
2-6. 取下背部机体。
2-7. 将顶部机体向前滑移10mm左右。
2-8. 将顶部机体后部向上提起30mm左右，并向前拉出再取出。
2-9. 取出风扇室盖。
2-10. 取出前部机体。



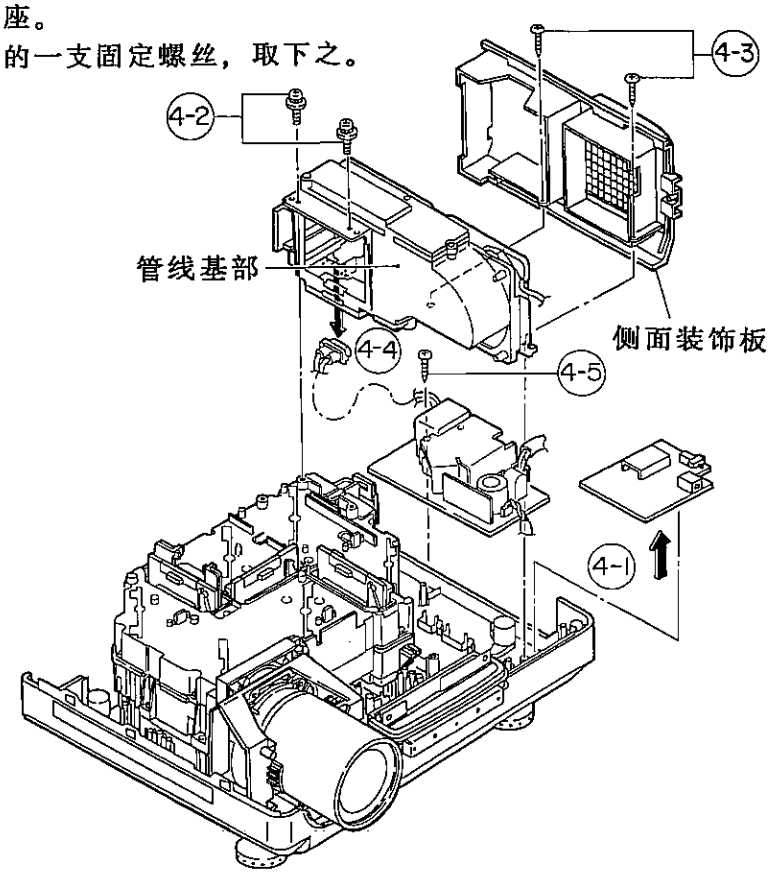
3. 主电路印刷电路板与辅助电路印刷电路板的拆卸

3-1. 松去控制电路印刷电路板上的一支固定螺丝。
3-2. 取出控制电路印刷电路板。
3-3. 松去扫描行数变换器印刷电路板上的一支固定螺丝。
3-4. 取出扫描行数变换器印刷电路板。
3-5. 取出输入电路印刷电路板与Y/C分离电路印刷电路板。
3-6. 取出主电路印刷电路板。
3-7. 取出电源电路印刷电路板。
3-8. 取出鲜明度控制电路印刷电路板。



4. 其它印刷电路板的拆卸

4-1. 取出音频放大器/LED印刷电路板。
4-2. 松去风扇装置上的两支固定螺丝。
4-3. 松去侧面装饰板上的两支固定螺丝。
4-4. 取下镇流器印刷电路板插座。
4-5. 松去镇流器印刷电路板上的一支固定螺丝，取下之。

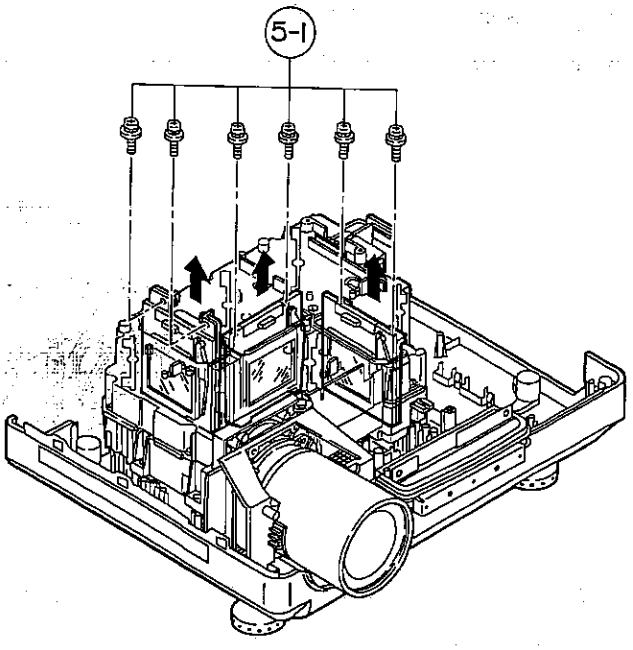


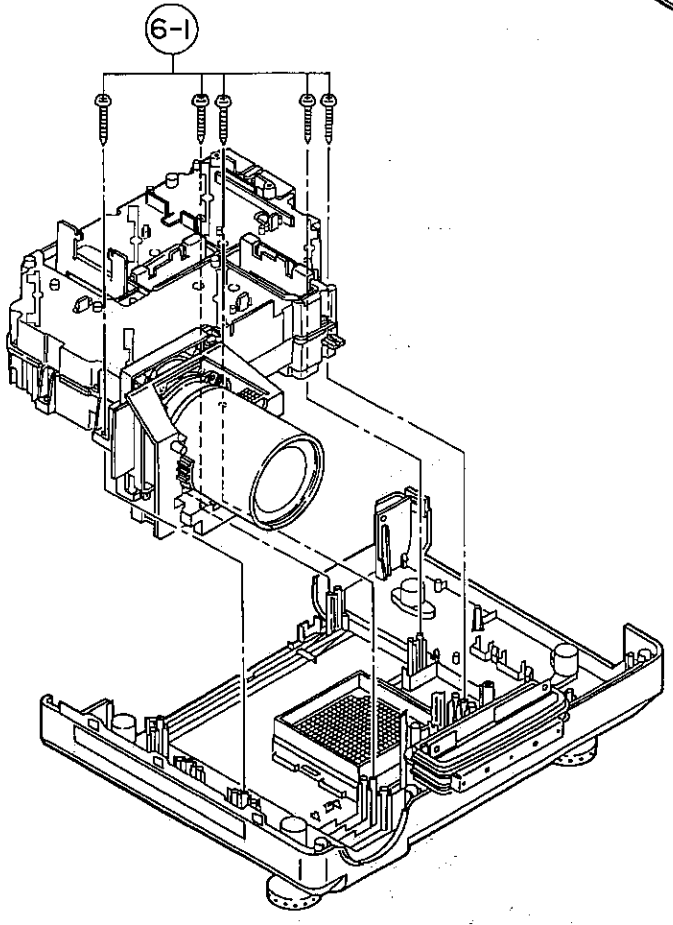
5. 液晶显示板的更换

5-1. 分别松去各自固定红、绿、蓝三块液晶显示板上的两支固定螺丝，取下之。

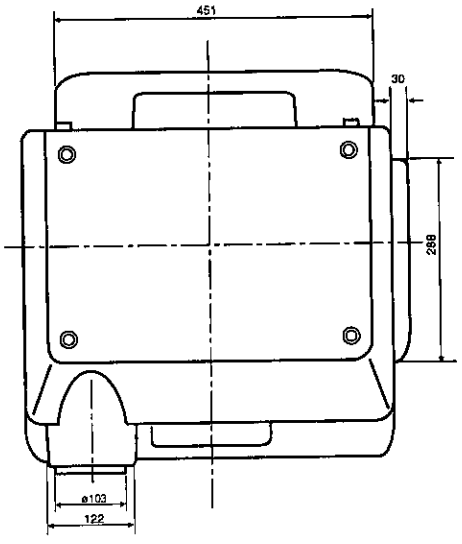
6. 光学机械装置的拆卸

6-1. 松去光学机械装置上的五支固定螺丝，取下之。

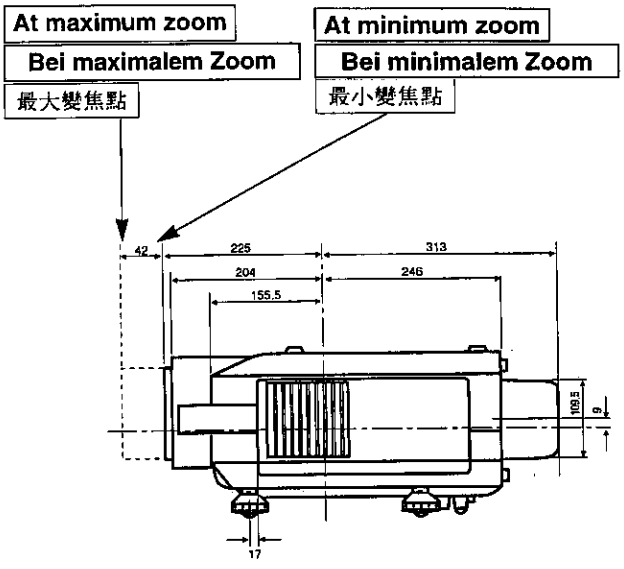




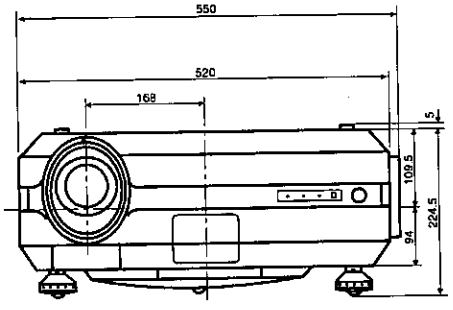
Dimensions /Abmessungen 外型尺寸圖



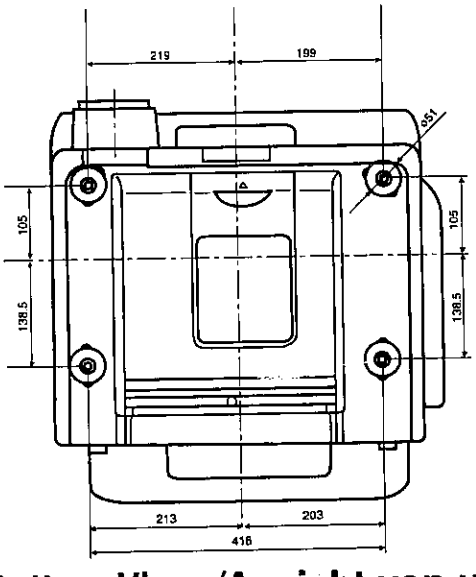
Top View /Ansicht von oben
俯視圖



Side View /Seitenansicht
側視圖



Front View /Ansicht von vorne
正視圖



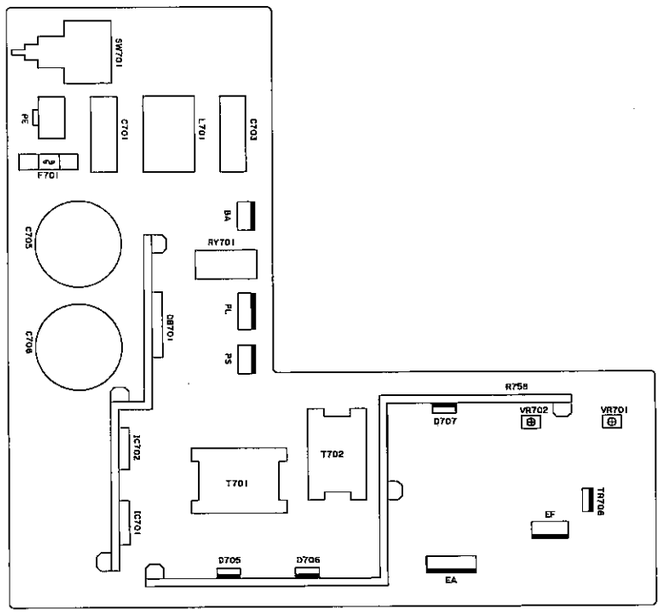
Bottom View /Ansicht von unten
仰視圖

[Units: mm]
[Einheit: mm]
單位 mm(毫米)

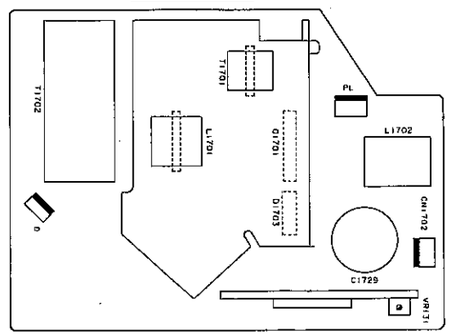
Memo

CHASSIS LAYOUT / CHASSIS-ANORDNUNG 机芯底盘电路布置

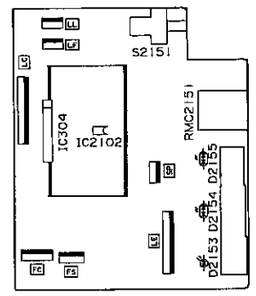
POWER UNIT
RDENC0169CEZZ



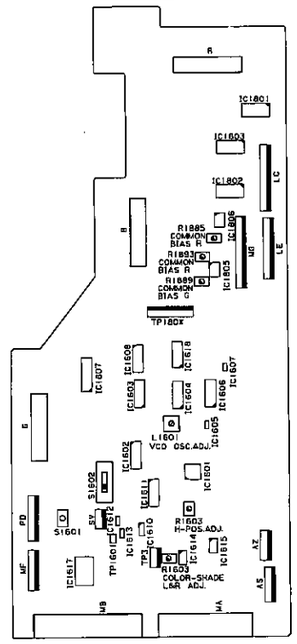
BALLAST UNIT
RDENC0177CEZZ



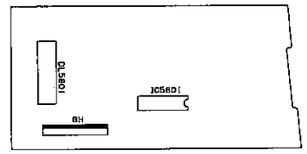
AUDIO AMP/LED UNIT
RUNTK0513CEZZ



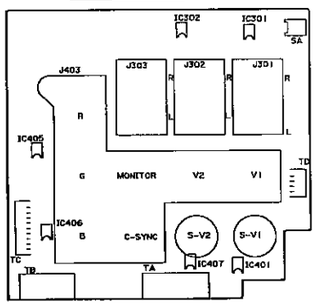
CONTROL UNIT
DUNTK8900DE04



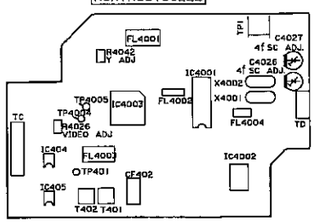
SHARPNESS CONTOROL UNIT
DUNTK9014DE01



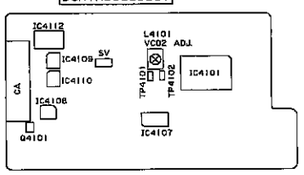
INPUT UNIT
RUNTK0510CEZZ



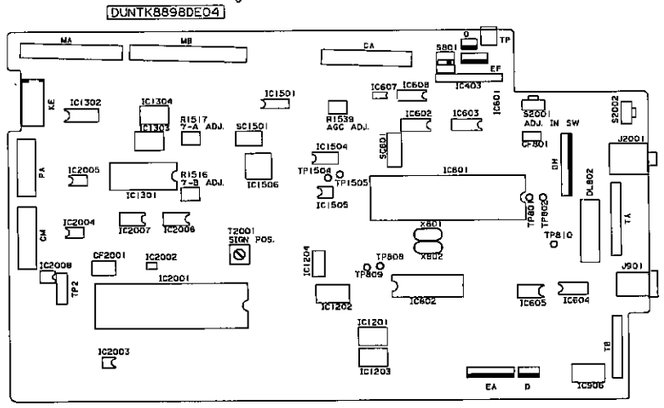
Y/C SEPARATOR UNIT
RUNTK0515CEZZ

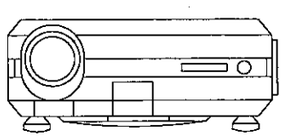


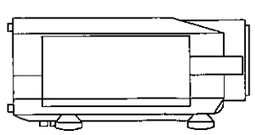
SCAN CONVERTER UNIT
DUNTK8965DE01

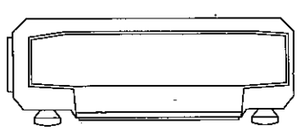


MAIN UNIT
DUNTK8898DE04



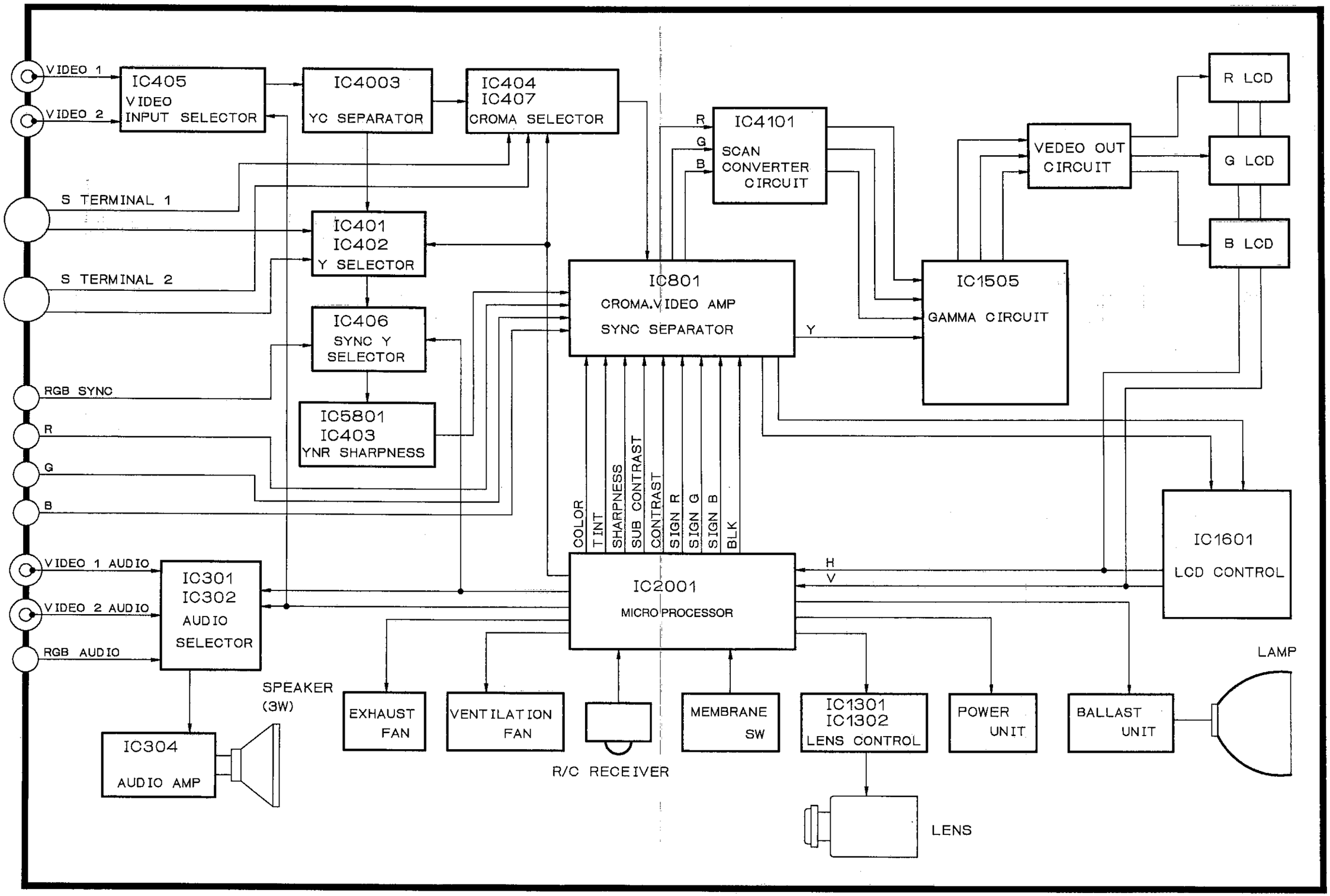






1 2 3 4 5 6 7 8 9 10 11 12

BLOCK DIAGRAM / BLOCKSCHALTBILD 电路方框图



DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. Voltages at test points are measured at the supply voltage of AC 220V. Signals are fed by a colour bar signal generator for servicing purpose and the above voltages are measured with a 20-kohm/V tester.

WAVEFORM MEASUREMENT CONDI-TION:

1. Waveforms at test points are observed at the supply voltage of AC 220V. Signals are fed by a colour bar signal generator for servicing purpose.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted. (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted. (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/10W, unless otherwise noted.
4. All resistors are Carbon type, unless otherwise noted.

Ⓒ: Solid Ⓦ: Cement
Ⓢ: Oxide Film Ⓣ: Special
Ⓝ: Metal Coating

CAPACITOR

1. All capacitors are μF, unless otherwise noted. (P=pF=μμF).
2. All capacitors are 50V, unless otherwise noted.
3. All capacitors are Ceramic type, unless otherwise noted.

(ML): Mylar (TA): Tantalum
(PF): Polypro Film (ST): Styrol

CAUTION:
This circuit diagram is original one, therefore there may be a slight difference from yours.

SAFETY NOTE:

1. *DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACEING PARTS.*
2. *SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.*

IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH "⚠"( )ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

BESCHREIBUNG DES SCHEMATISCHEN SCHALTPLANS

SPANNUNGSMESSUNGEN:

1. Spannungen an den Prüfpunkten werden bei einer Netzspannung von 220V gemessen, Signale werden für die Wartung mit einem Farbbalken-Signal generator zugeführt, und Spannungen werden mit einem Meßinstrument (20 kΩ/V) ermittelt.

SIGNALFORMMESSUNGEN:

1. Die Wellenformen an den Testpunkten werden bei einer Netzspannung von 220V verfolgt. Signale werden für die Wartung mit einem Farbbalken-Signal generator zugeführt.

BEZEICHNUNG DES WIDERSTANDS UND KONDENSATORS:

WIDERSTAND

1. Die Widerstandseinheit "Ω" wird weggelassen. (K=kΩ=1000 Ω, M=MΩ).
2. Alle Widerstände haben ± 5%, sofern nicht anders angegeben. (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. Alle Widerstände haben 1/10W, sofern nicht anders angegeben.
4. Alle Widerstände sind Kohletyp, sofern nicht anders angegeben.

Ⓒ: Fest Ⓦ: Zement
Ⓢ: Oxidfilm Ⓣ: Spezial
Ⓝ: Metallüberzug

KONDENSATOR

1. Die Kapazitätseinheit ist μF, sofern nicht anders angegeben. (P=pF=μμF).
2. Alle Kondensatoren haben 50V, sofern nicht anders angegeben.
3. Alle Kondensatoren sind Keramiktyp, sofern nicht anders angegeben.

(ML): Mylar (TA): Tantal
(PF): Polyprofilm (ST): Styrol

ACHTUNG:
bei diesem Schaltplan handelt es sich um den ursprünglichen. Esönnen daher geringfügige Unterschiede zu dem Ihrem bestehen.

SICHERHEITSANMERKUNGEN:

1. *VOR DEM AUSWECHSELN VON TEILEN MUSS UNBEDINGT NETZSTECKER AUS DER NETZSTECKDOSE GEZOGEN WERDEN.*
2. *DIE WARMEABLEITER DER HALBLEITER SOLLTEN BEIM BETRIEB DES CHASSIS ALS MÖGLICHE URSACHEN VON GEFÄHRLICHEN ELEKTRISCHEN SCHLÄGEN BETRACHTET WERDEN.*

WICHTIGE SICHERHEITSANMERKUNGEN:

MIT "⚠"( )BEZEICHNETEN TEILE SIND BESONDERS WICHTIG FÜR DIE AUFRECHTERHALTUNG DER SICHERHEIT . BEIM WECHDIESER TEILE SOLLTEN DIE VORGESCHRIEBENEN TEILE IMMER VERWENDET WERDEN, UM SOWOHL DIE SICHERHEIT ALS AUCH DIE LEISTUNG DES GERÄTES AUFRECHTZUERHALTEN.

电 路 原 理 图 的 说 明

电压测定条件：

1.各测试点上的电压值是用AC220V电源电压来测定的。各种信号由维修专用的彩条信号发生器产生的，各种有关电压值是用20千欧姆/伏测试仪测定的。

波形测定条件：

1.各测试点上的波形是用AC220V电源电压观察到的。各种信号由维修专用的彩条信号发生器产生的。

电阻与电容器的表示：

电阻

1.电阻欧姆"Ω"单位予以略记。
（K＝kΩ＝1000Ω，M＝兆Ω）。
2.除特别说明者外，所有的电阻为±5%。
（J＝±5%，F＝±1%，D＝±0.5%）。
3.除特别说明者外，所有的电阻功率为1/10W。
4.除特别说明者外，所有的电阻为碳质。

Ⓒ：固体电阻 Ⓦ：陶瓷电阻
Ⓢ：氧化膜电阻 Ⓣ：特殊电阻
Ⓝ：金属涂层电阻

电容器

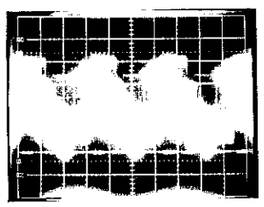
1.除特别说明者外，所有的电容器单位为微法（μF）。
（P＝微微法＝μμF）。
2.除特别说明者外，所有的电容器为50伏。
3.除特别说明者外，所有的电容器为陶瓷质。
（ML）：聚酯薄膜电容器 （TA）：钽质电容器
（PF）：聚乙烯薄膜电容器 （ST）：聚苯乙烯电容器

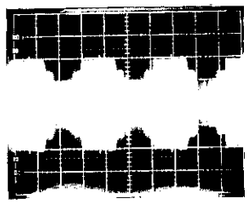
注意：
这里的电路原理图均为最初设计原理图，与您的机器的电路原理图可能有不同之处。

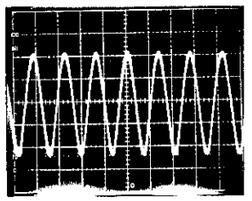
安全使用注意事项：
1.在进行部件更换之前，务请拔出电源插头。
2.本装置工作时，机芯底盘的半导体散热片有触电之虑，务请注意。

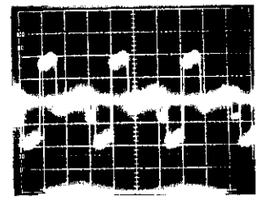
安全使用注意要点：
标有"⚠"( )的部件对于投影机安全的维护有至关重要的意义。为了维护本机的安全和使本机能正常工作，必须使用指定品来更换这些部件。

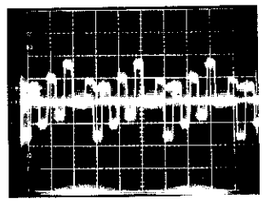
WAVEFORMS
WELLENFORMEN
波形图

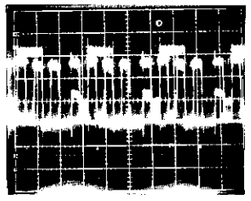

① 0.5V/div, 20μsec/div

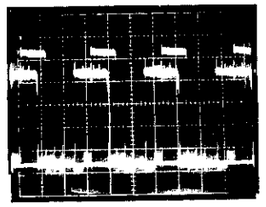

② 0.2V/div, 20μsec/div

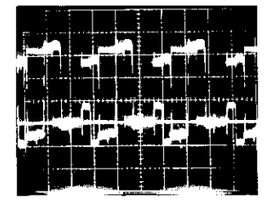

③ 0.5V/div, 50μsec/div

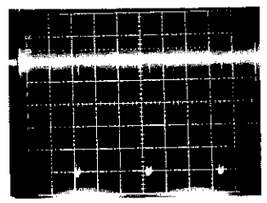

④ 0.2V/div, 20μsec/div

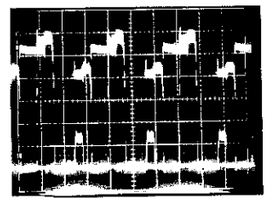

⑤ 0.2V/div, 20μsec/div

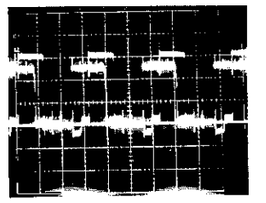

⑥ 1V/div, 20μsec/div


⑦ 1V/div, 20μsec/div


⑧ 1V/div, 20μsec/div


⑨ 1V/div, 20μsec/div


⑩ 1V/div, 20μsec/div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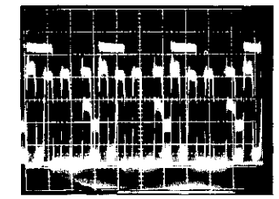
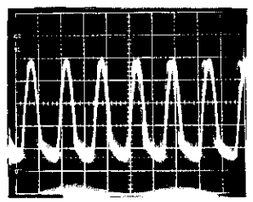
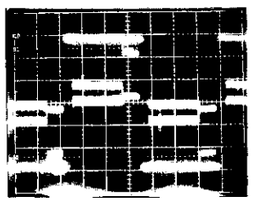
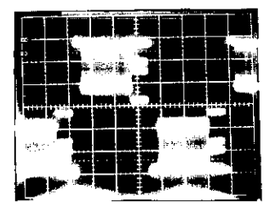

⑫ 1V/div, 20μsec/div

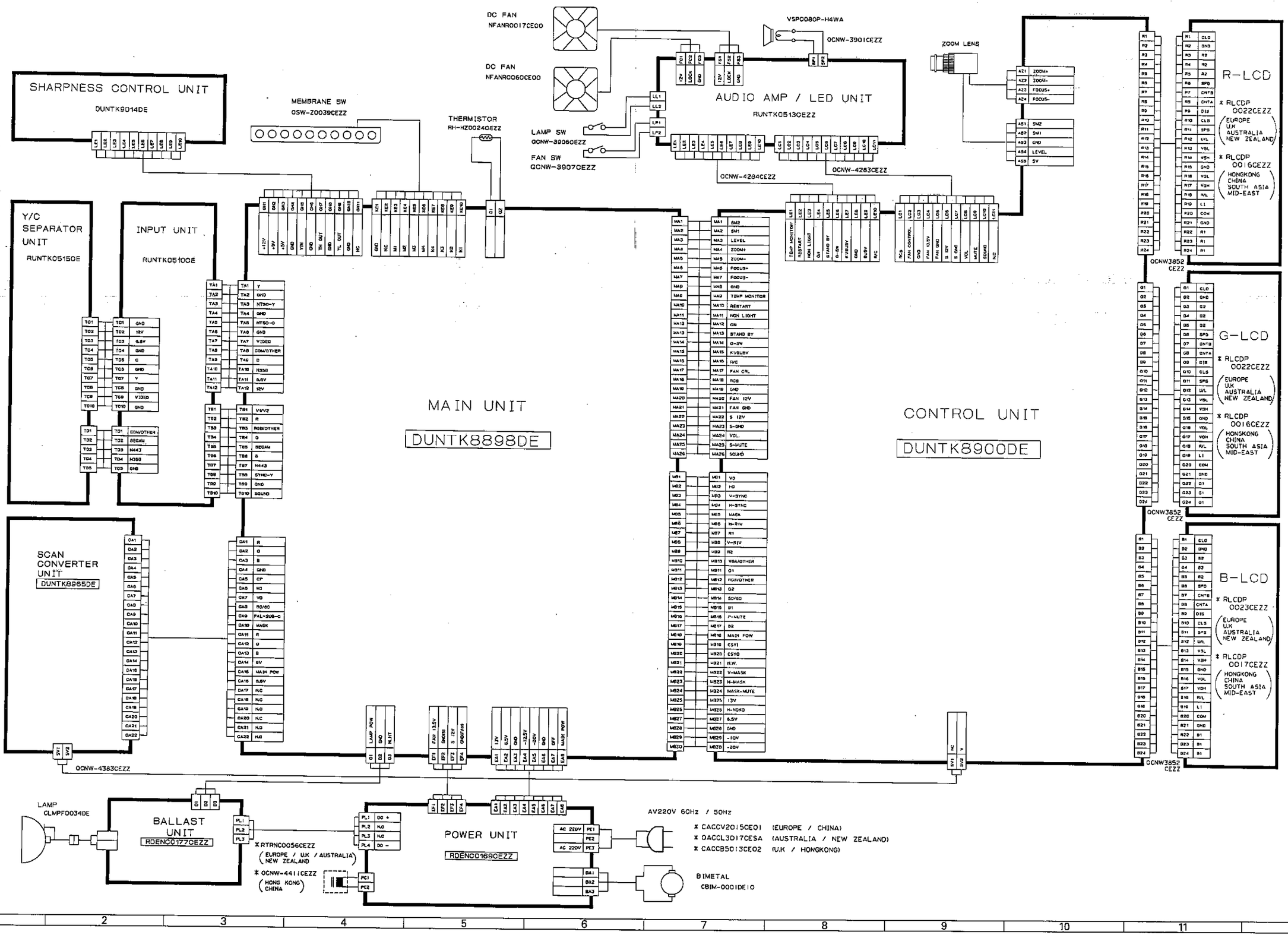

⑬ 0.1V/div, 0.1μsec/div


⑭ 2V/div, 5msec/div

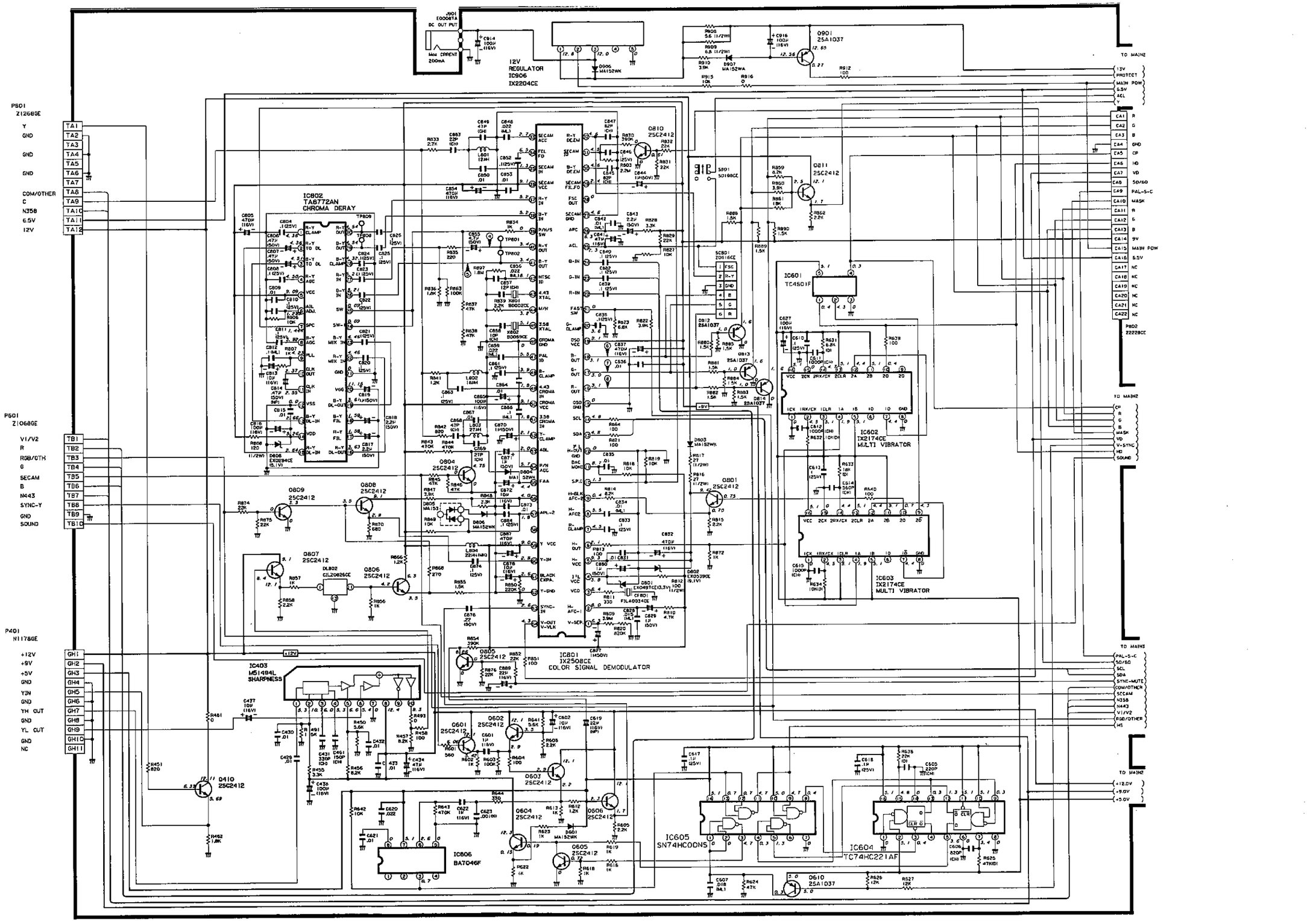
⑮ 2V/div, 5msec/div


⑯ 2V/div, 5msec/div

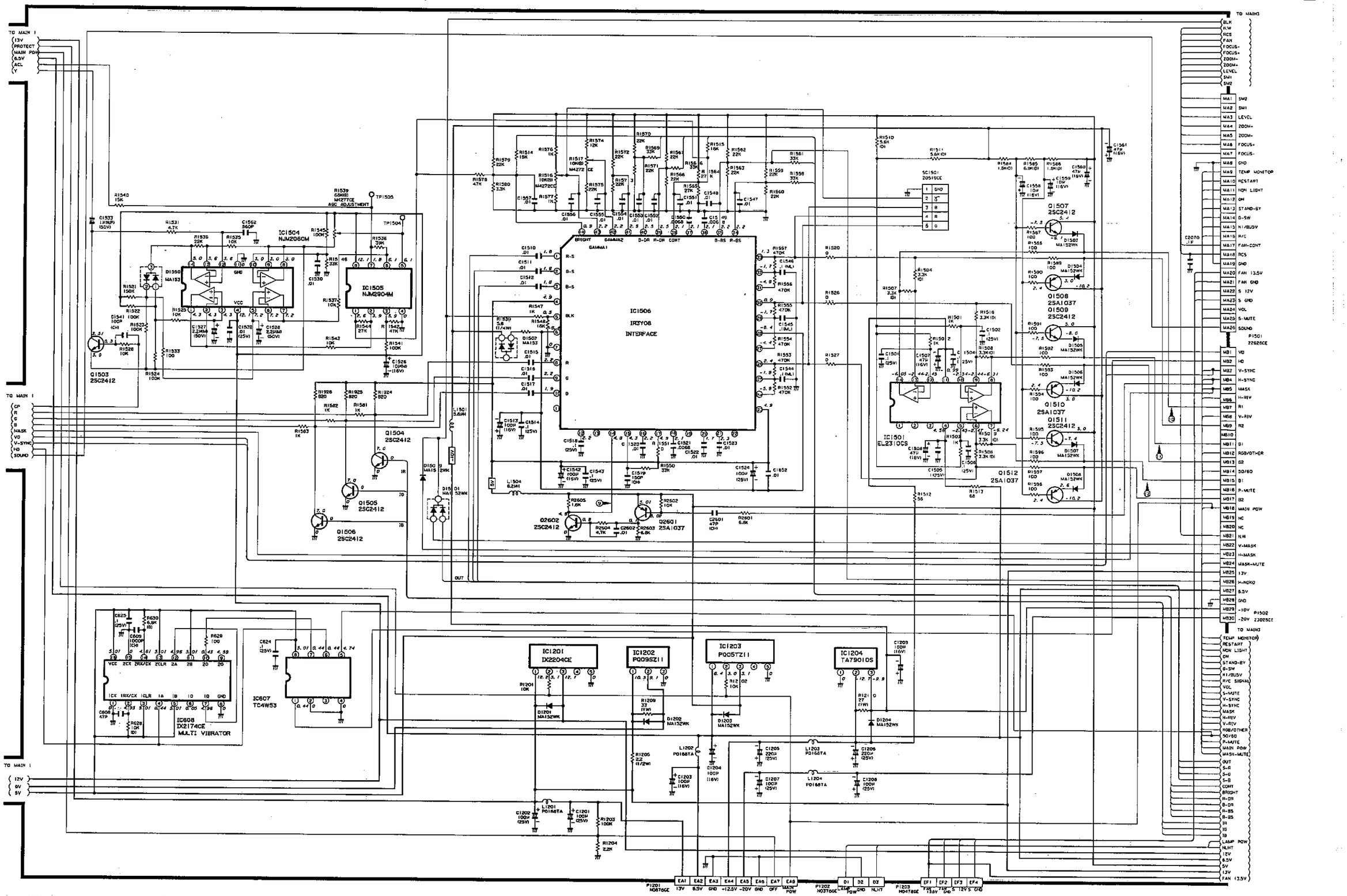
OVERALL WIRING DIAGRAM / GESAMTSCHALTPLAN 整体印刷电路图



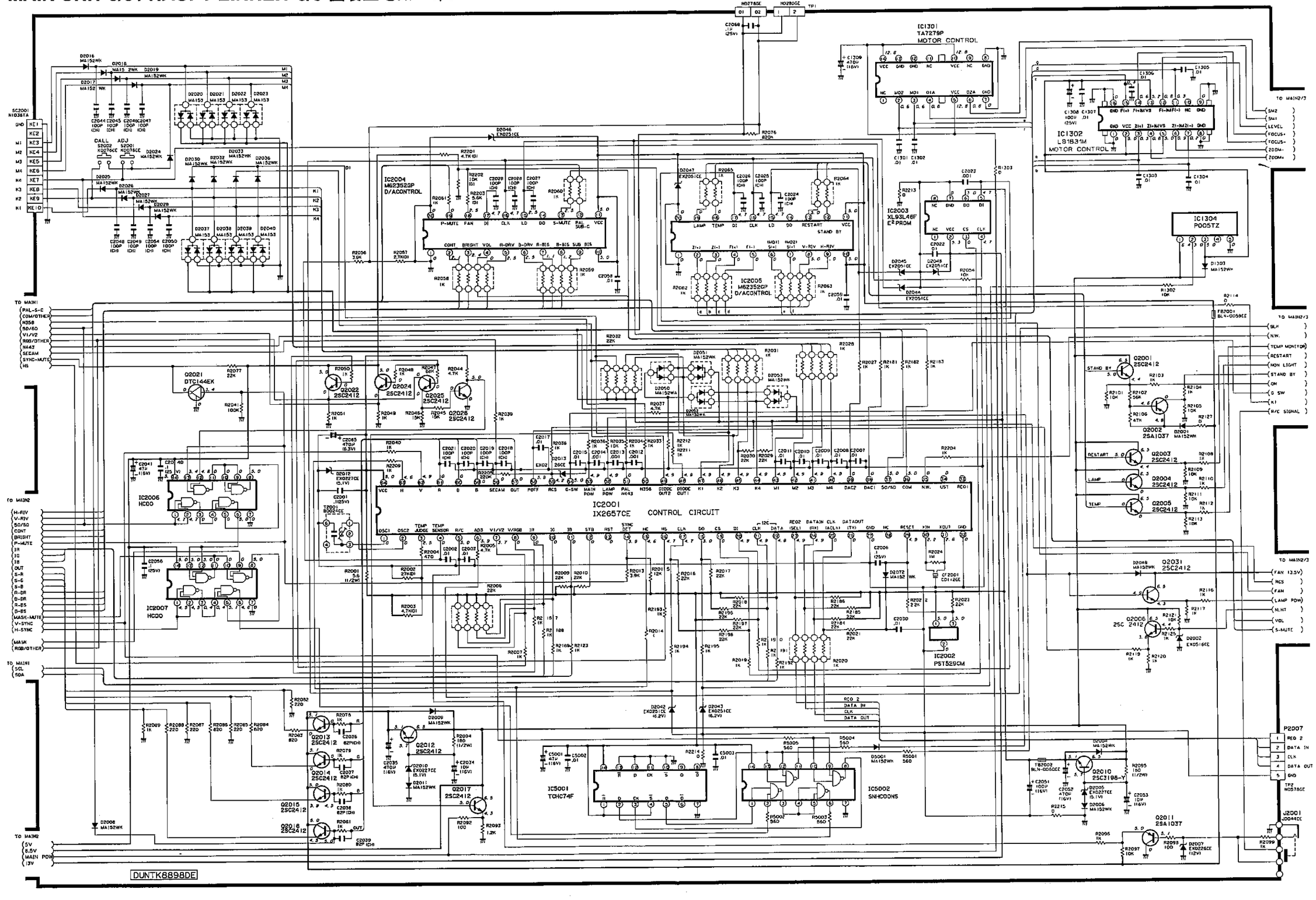
■ MAIN UNIT-1/3 / HAUPT-EINHEIT-1/3 主装置电路－1/3



■ MAIN UNIT-2/3 / HAUPT-EINHEIT-2/3 主装置电路－2/3

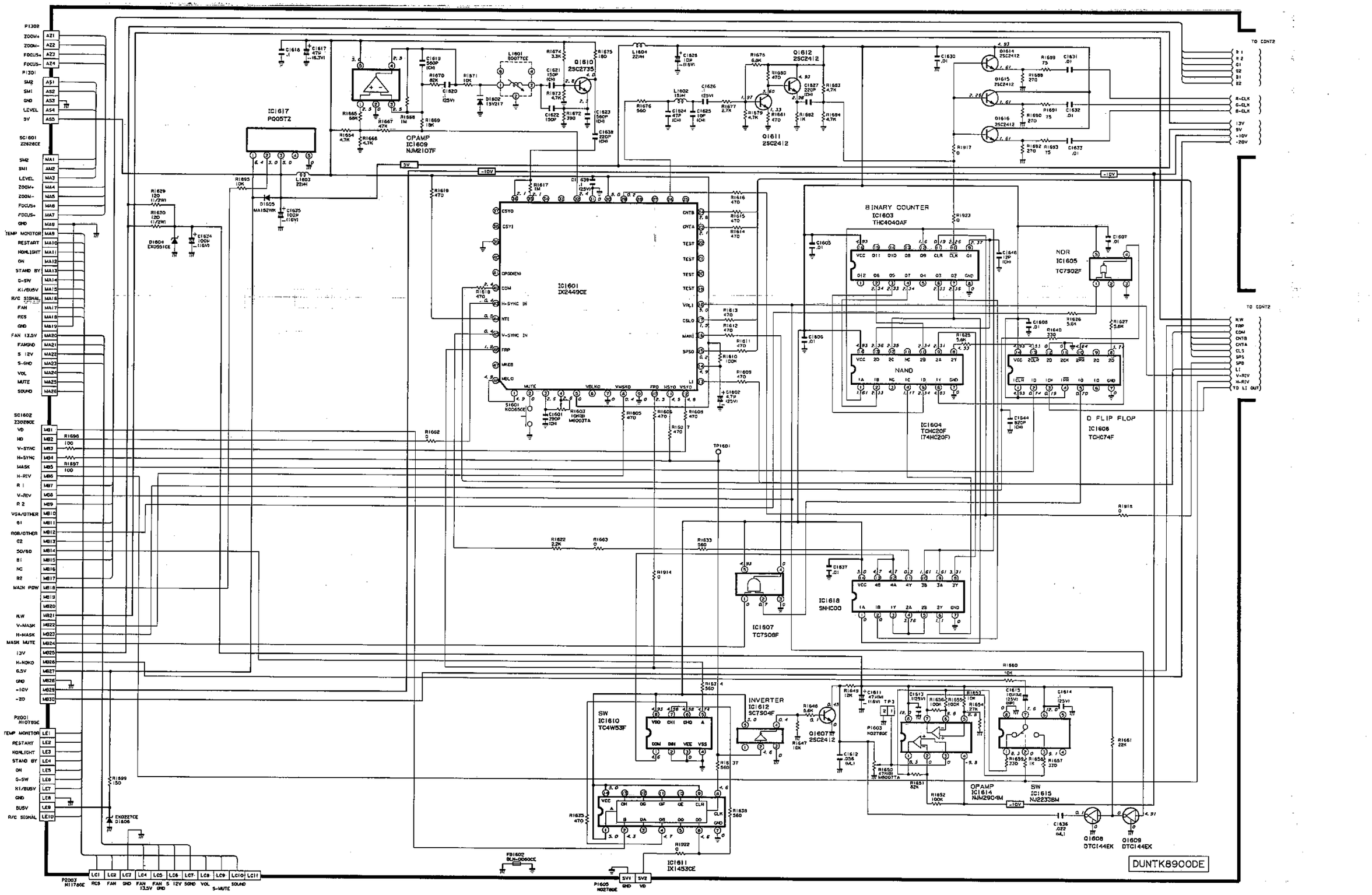


■ MAIN UNIT-3/3 / HAUPT-EINHEIT-3/3 主装置电路－3/3



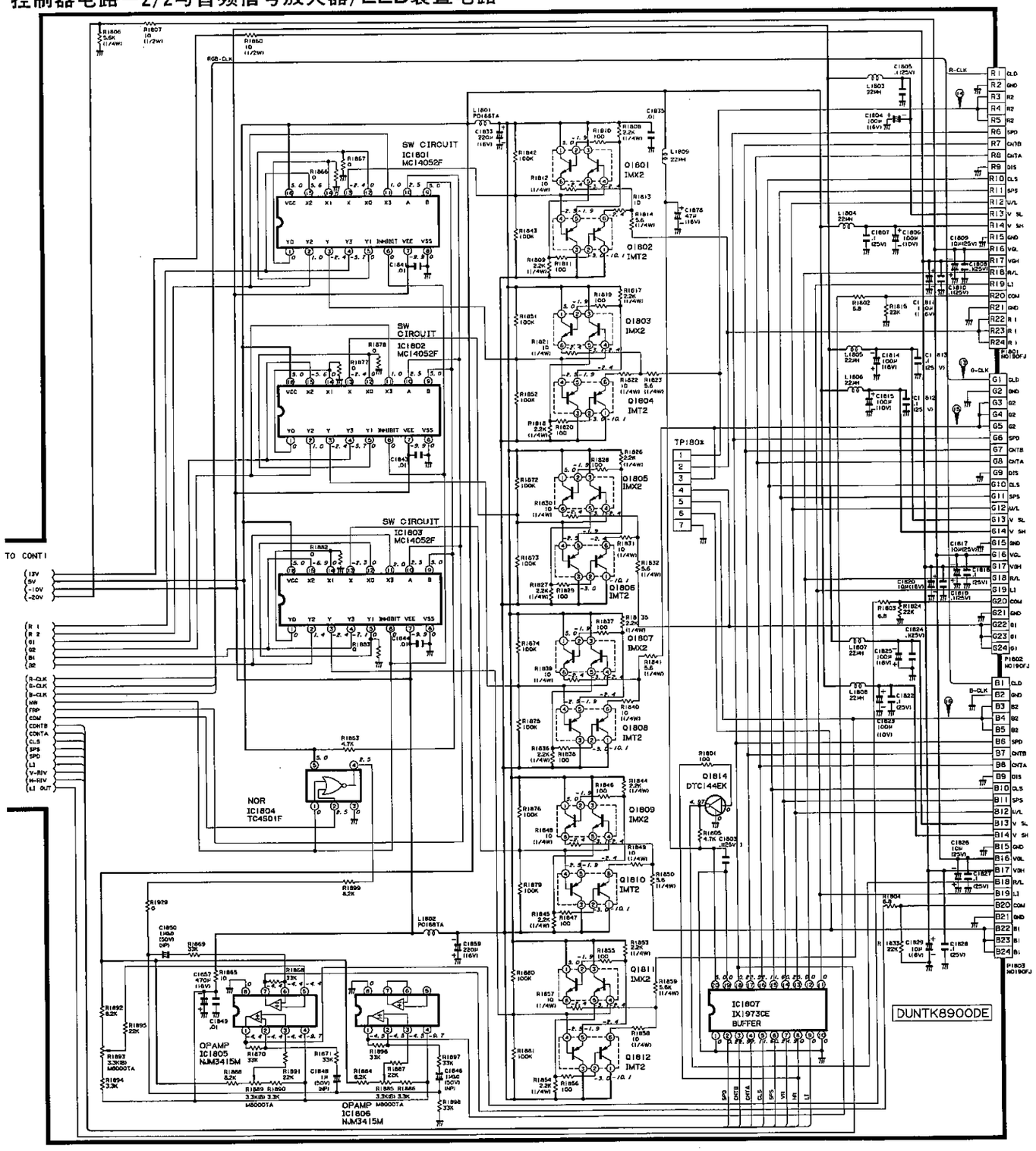
41 42

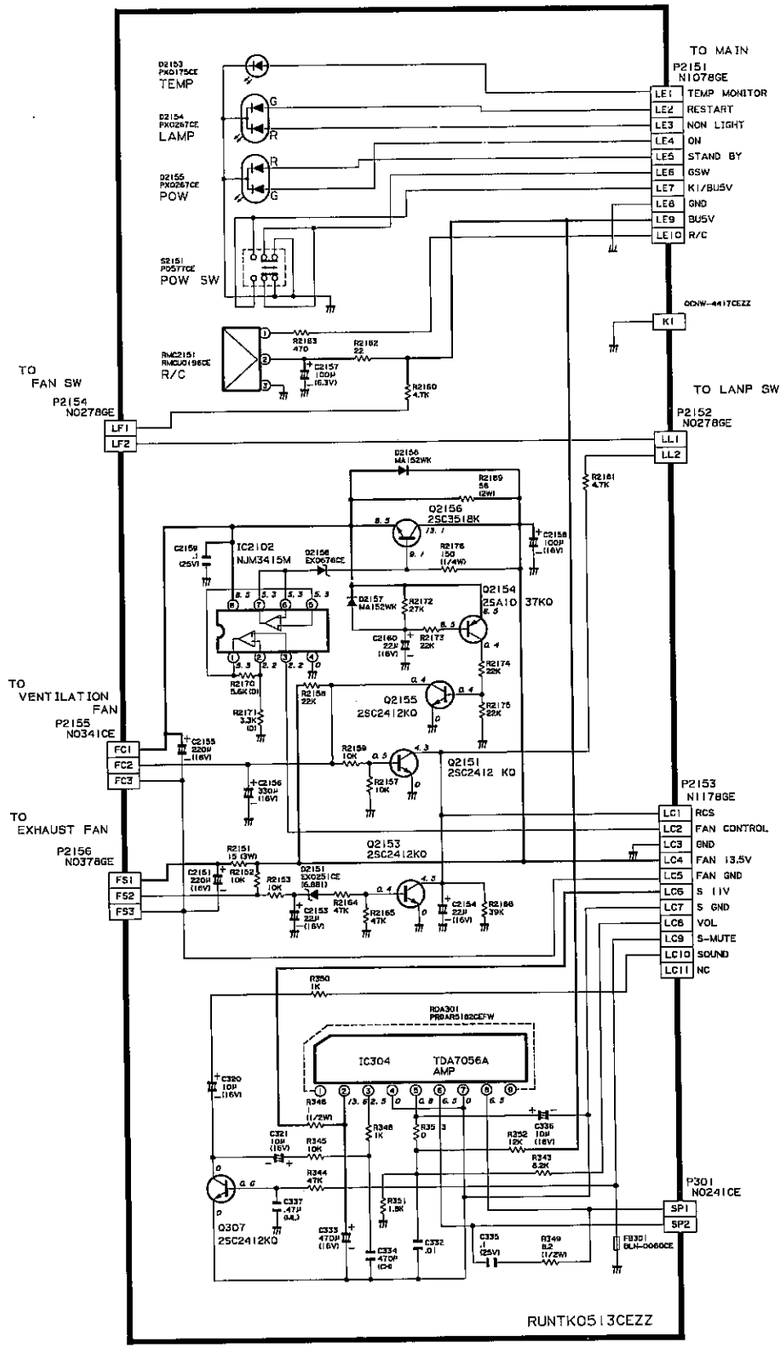
■ CONTROL UNIT-1/2 / STEUERWERK-EINHEIT-1/2 控制器电路－1/2



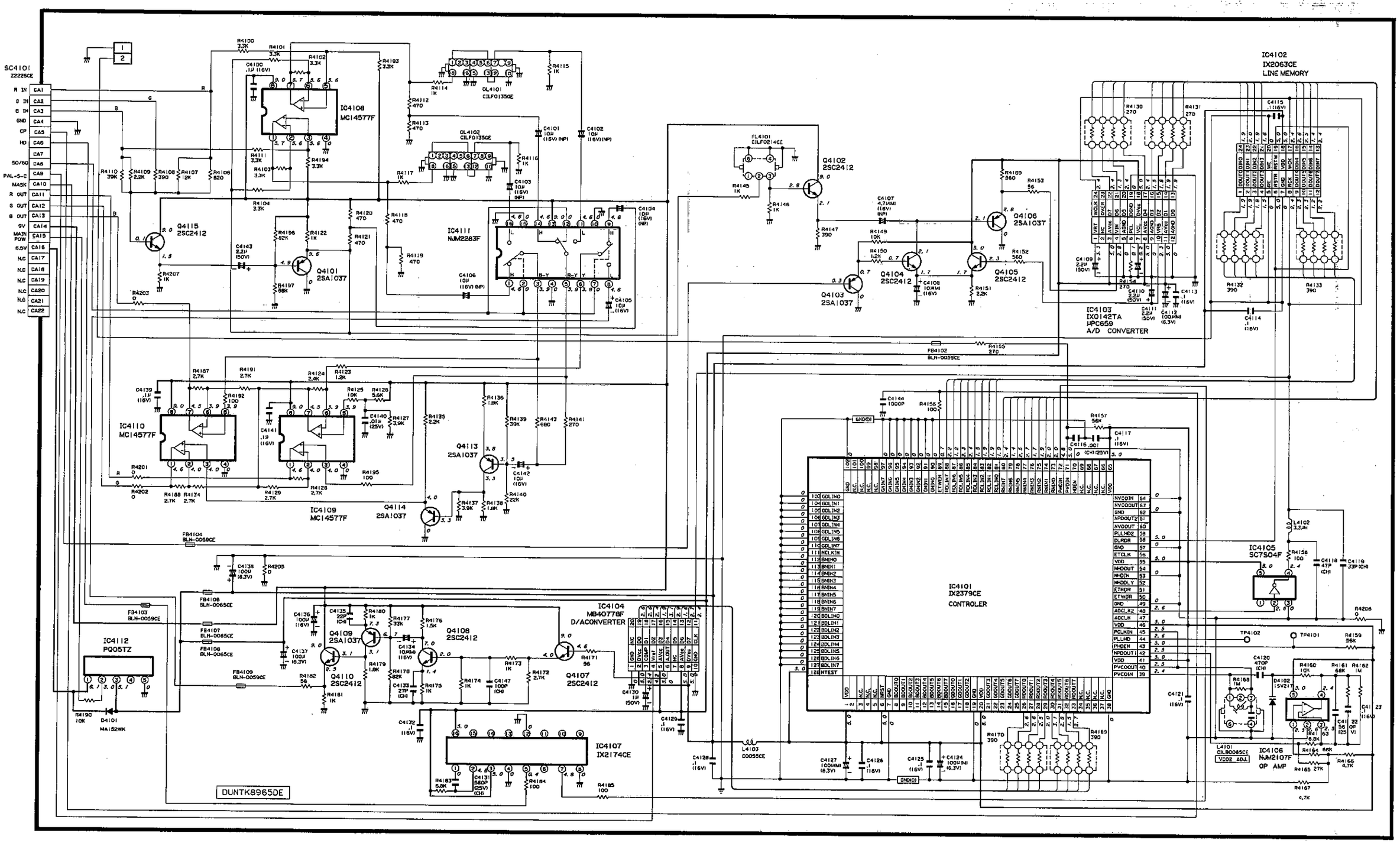
■ CONTROL UNIT-2/2 and AUDIO AMP/LED UNIT / STEUERWERK-EINHEIT-2/2-UND AUDIOSTUFE-VERSTÄRKER/LED-EINHEIT

控制器电路－2/2与音频信号放大器/LED装置电路

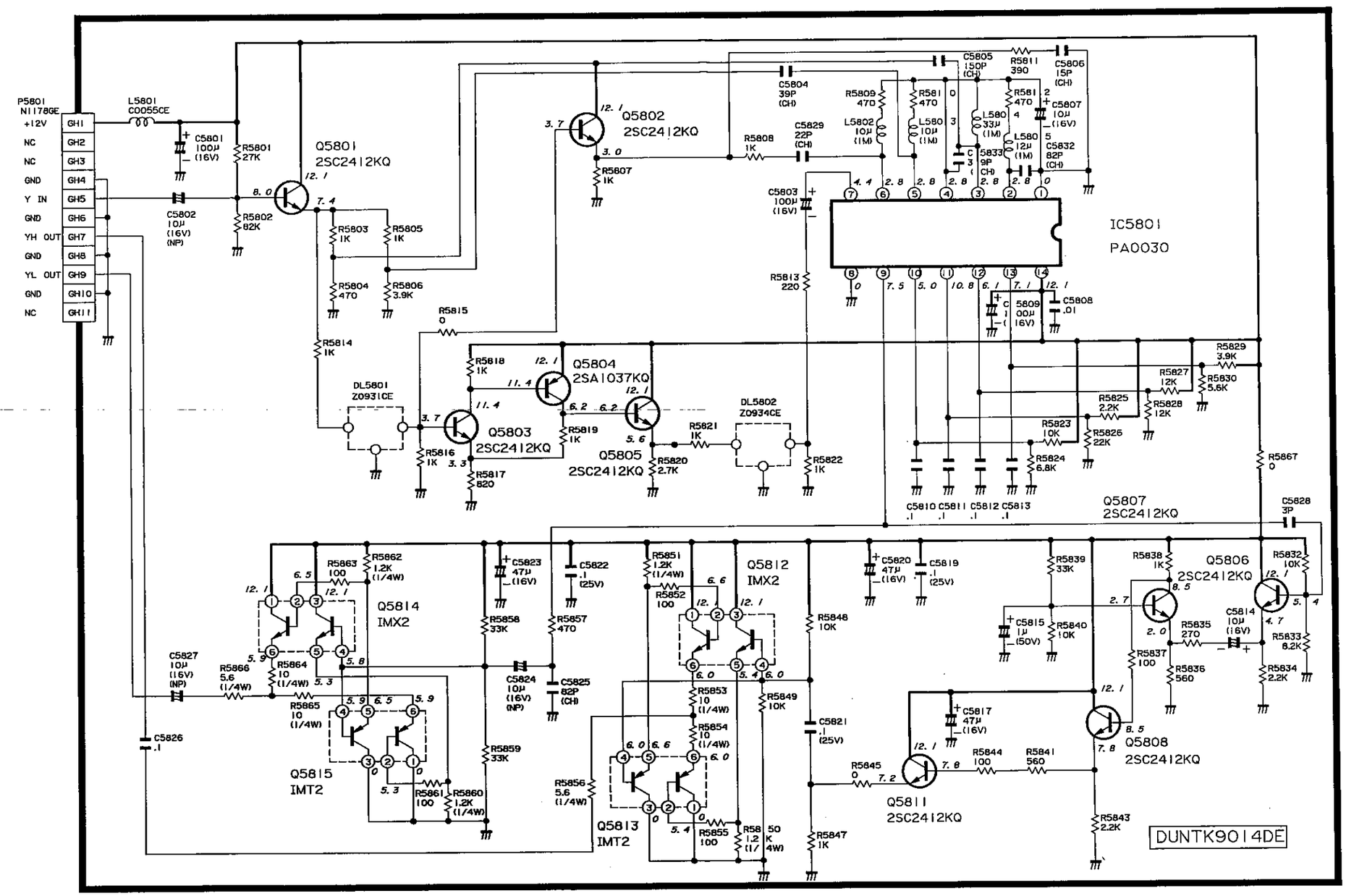




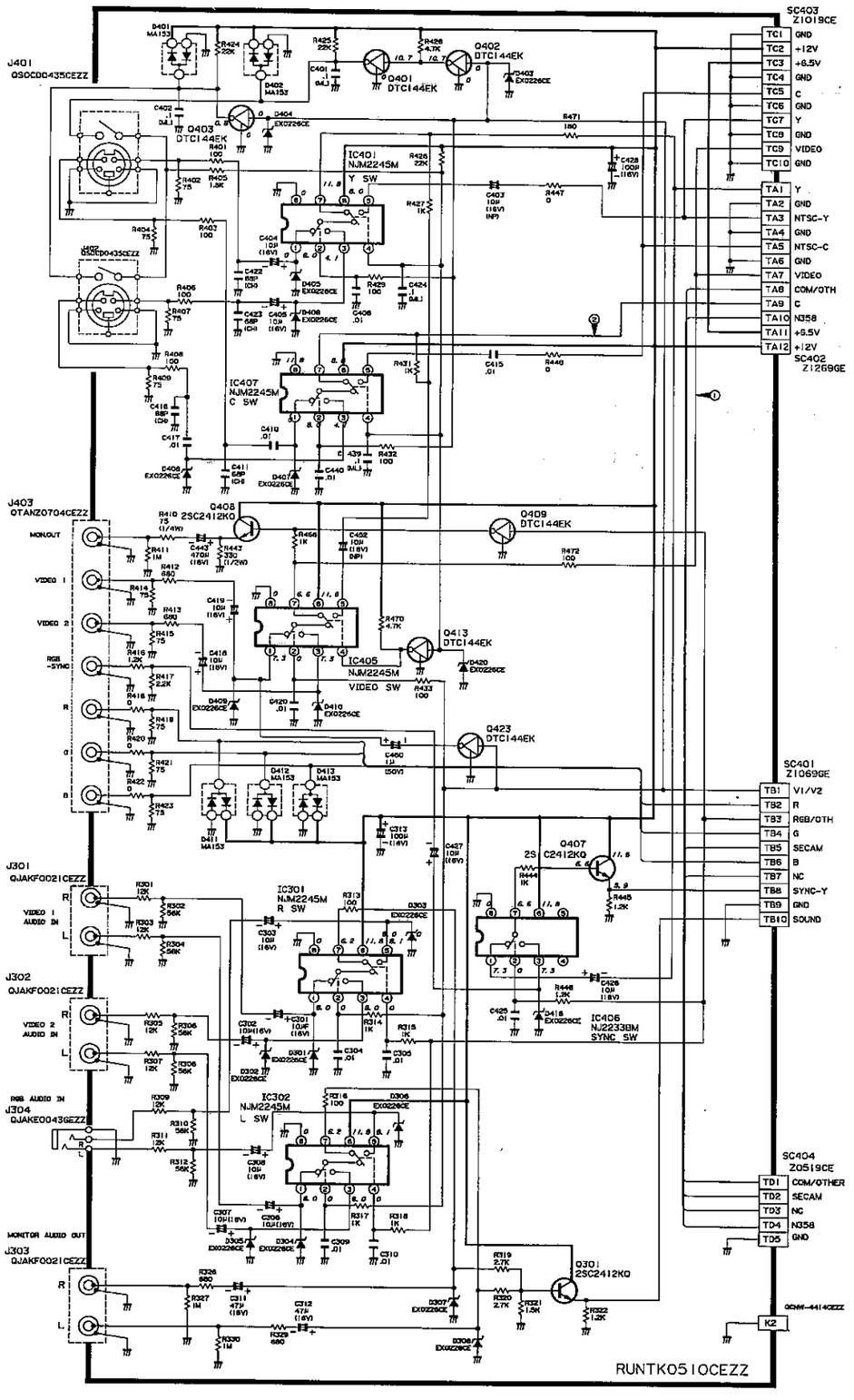
■ SCAN CONVERTER UNIT / ABTAST-KONVERTER-EINHEIT 扫描行数变换器电路

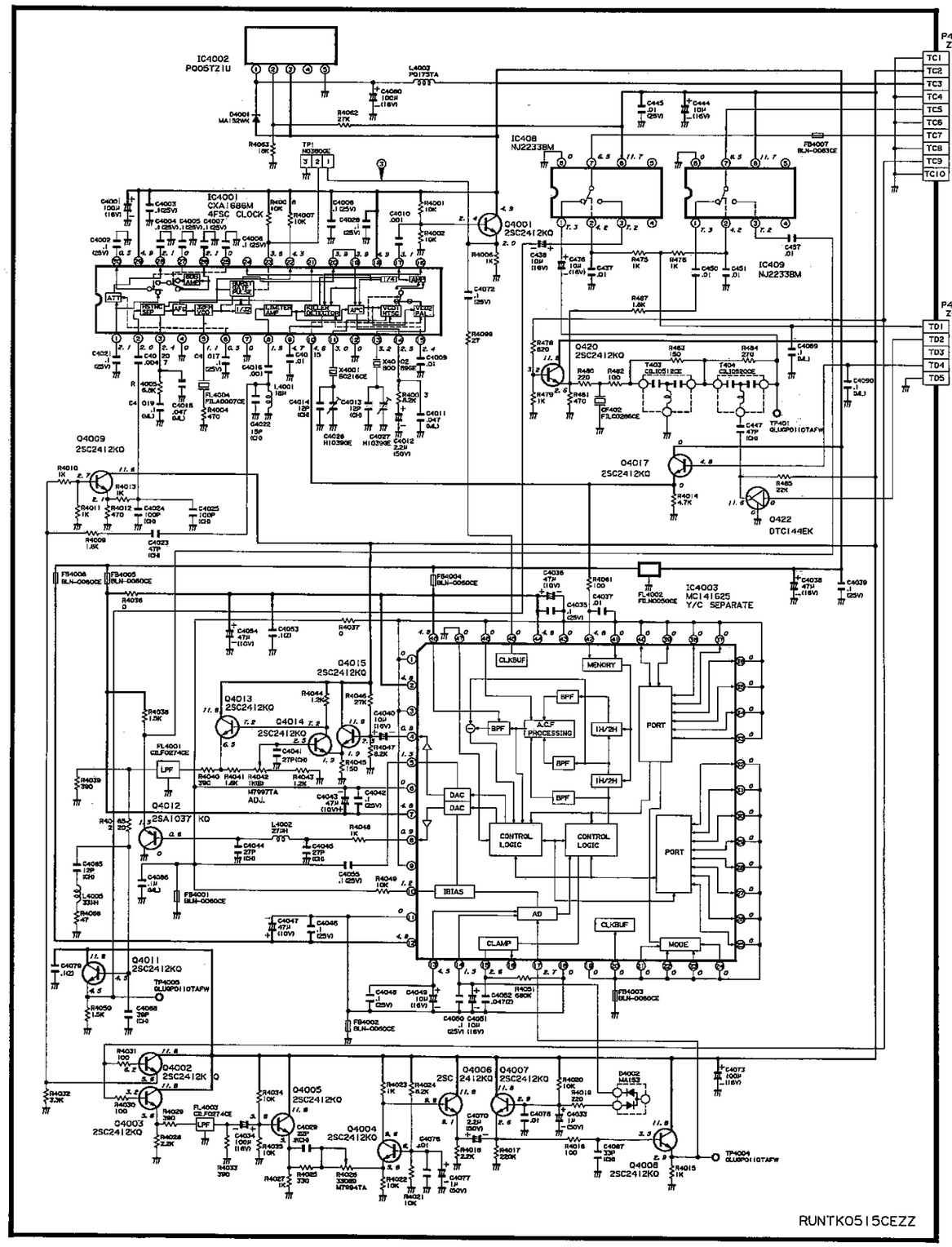


■ SHARPNESS CONTROL UNIT / SCHARFEINSTELL-EINHEIT 鲜明度控制器电路

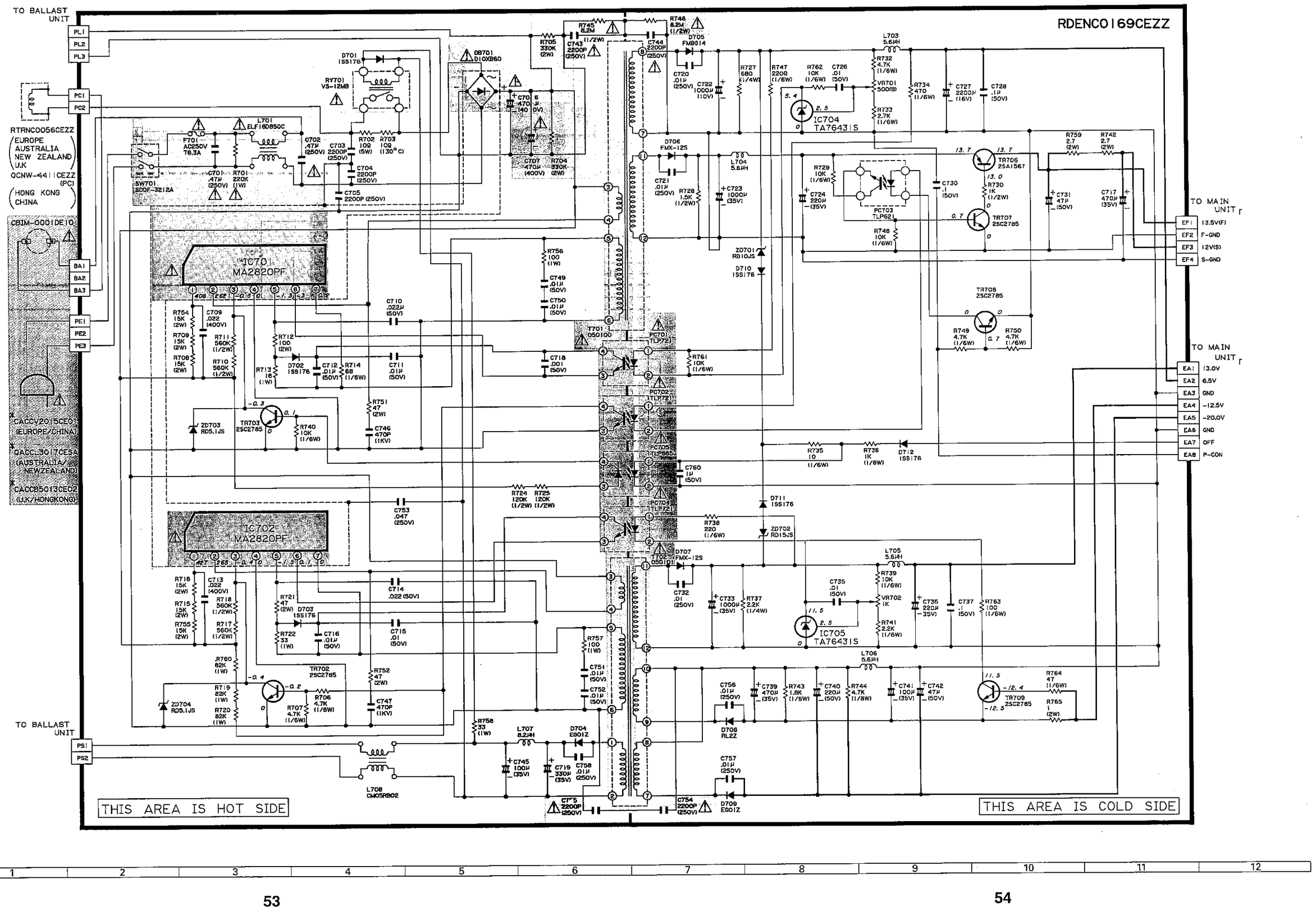


■ INPUT and Y/C SEPARTOR UNIT / EINGANGS-UND Y/C TRENNSTUFE-EINHEIT 输入装置与亮度/色度信号分离装置电路

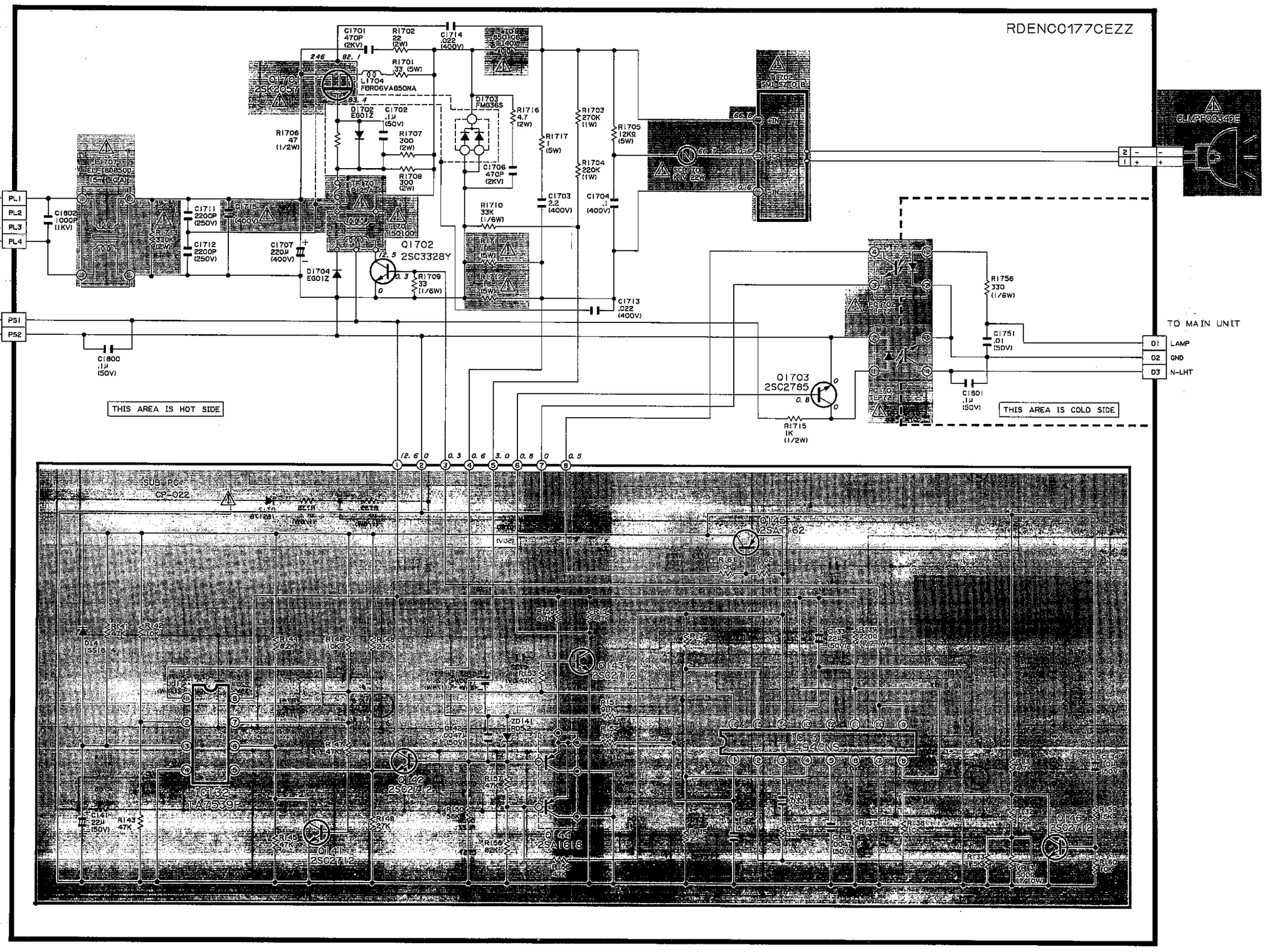




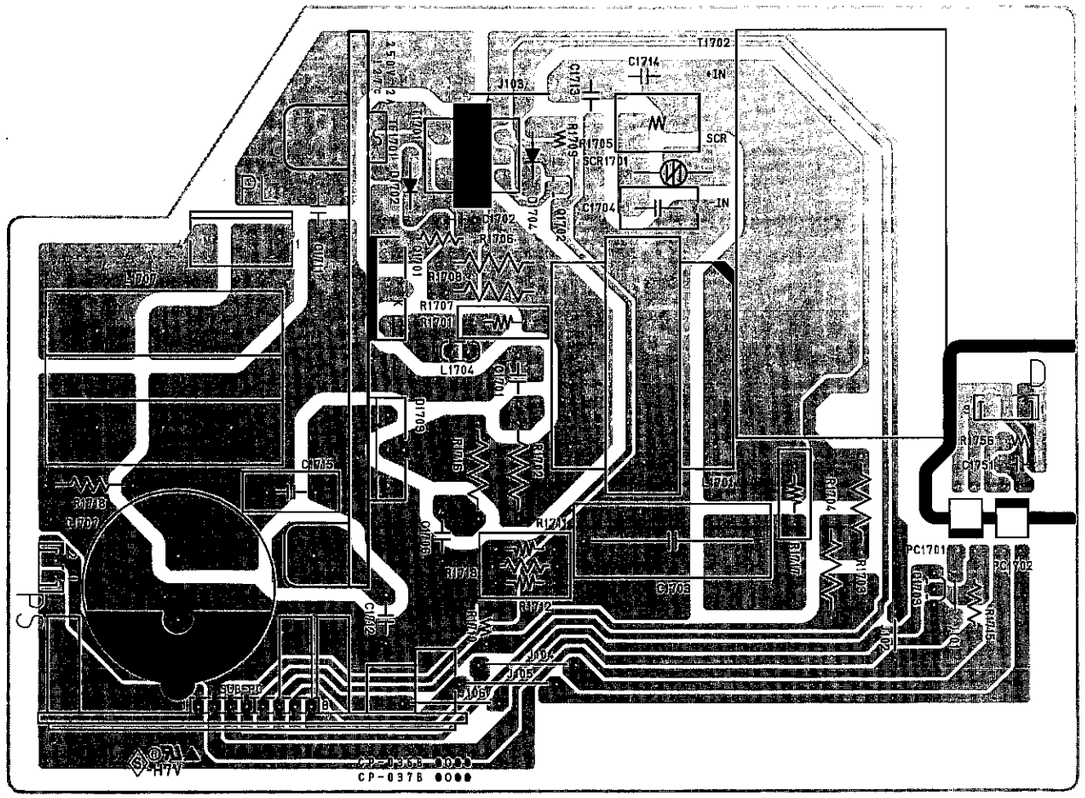
■ POWER UNIT / NETZ-EINHEIT 电源装置电路



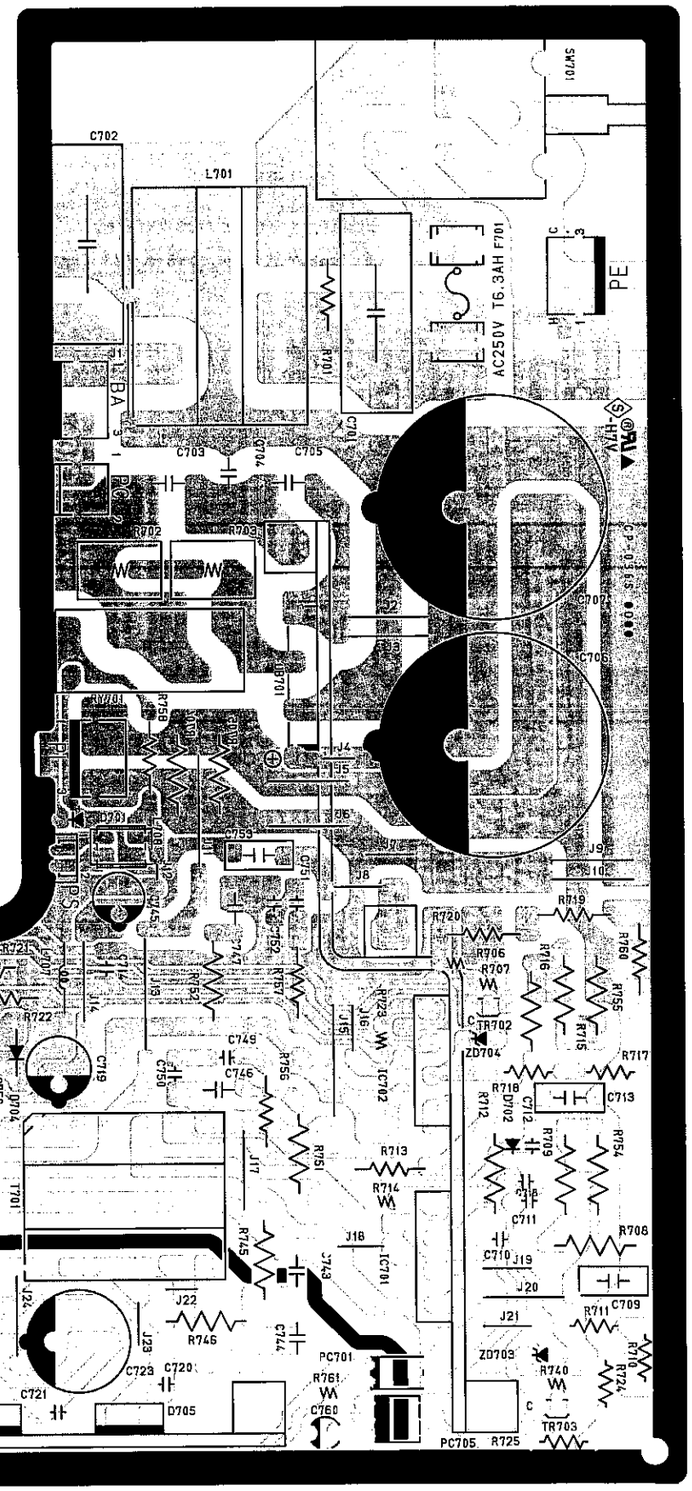
■ BALLAST UNIT / VORSCHALT-EINHEIT 镇流器电路



PRINTED WIRING BOARD ASSEMBLIES / LEITERPLATTENEINHEITEN 印刷电路板组件



Ballast Unit (Wiring Side) / Vorschalt-Einheit (Leiterbahnseite) 镇流器印刷电路板(线路贴置侧)


C702
L701
AC250V T6.3AH F701
PE
C703
C705
C704
C701
R702
R703
R758
C707
C706
J14
J15
J16
J17
J18
J19
J20
J21
J22
J23
J24
J25
R719
R720
R706
R707
R716
R715
R755
R760
TR702
ZD704
R717
C713
R718
R712
C712
R709
R754
C711
R708
C710
C709
R711
R710
R724
ZD703
R740
TR703
R725
PC705
C749
C746
R751
R713
R714
C748
C750
C719
C716
R722
C756
PC704
R721
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C714
R752
R747
R767
R762
C747
C752
R723
IC702
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C755
T701
C754
D709
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D706
C722
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C728
L703
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J42
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EF
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ZD702
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PC701
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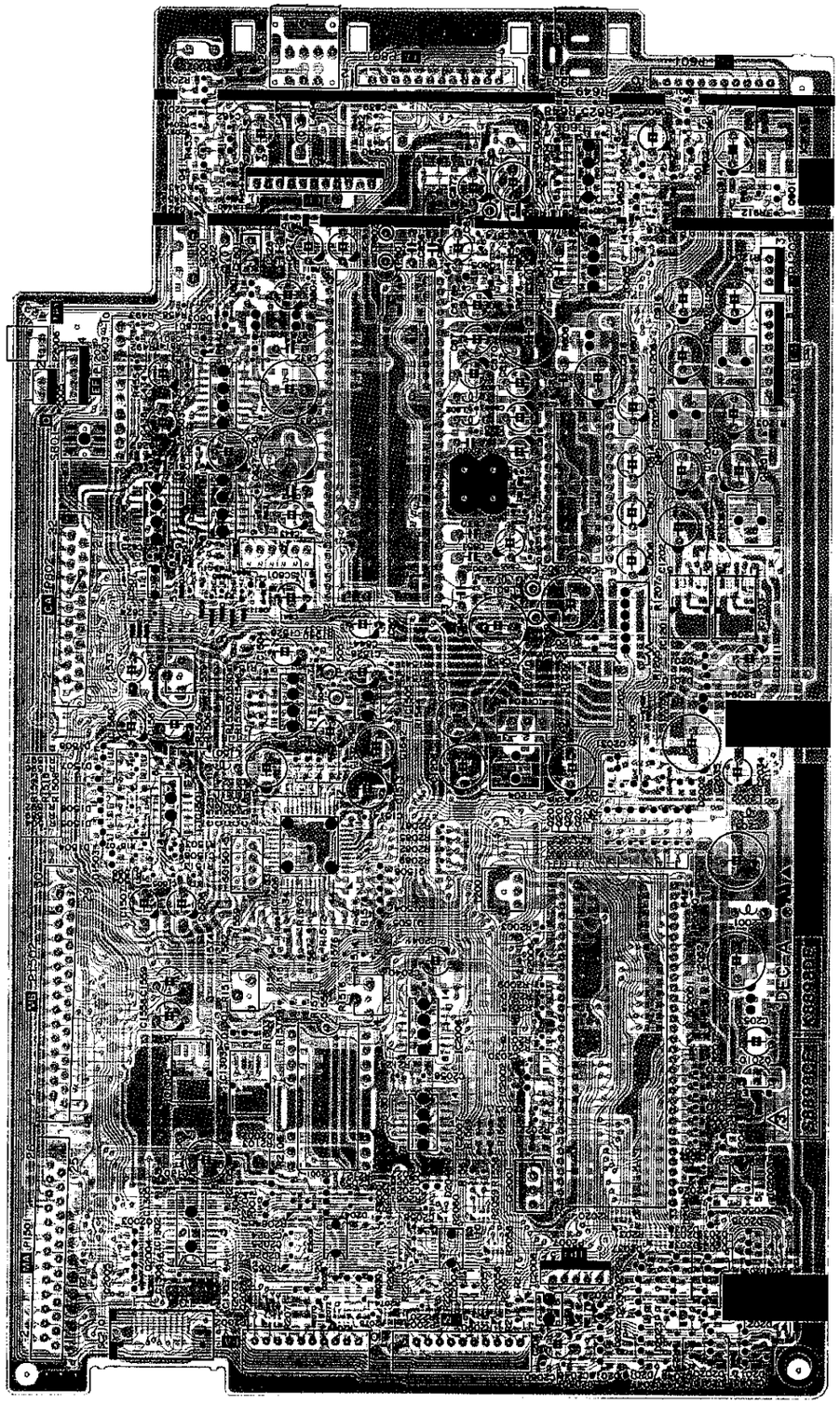
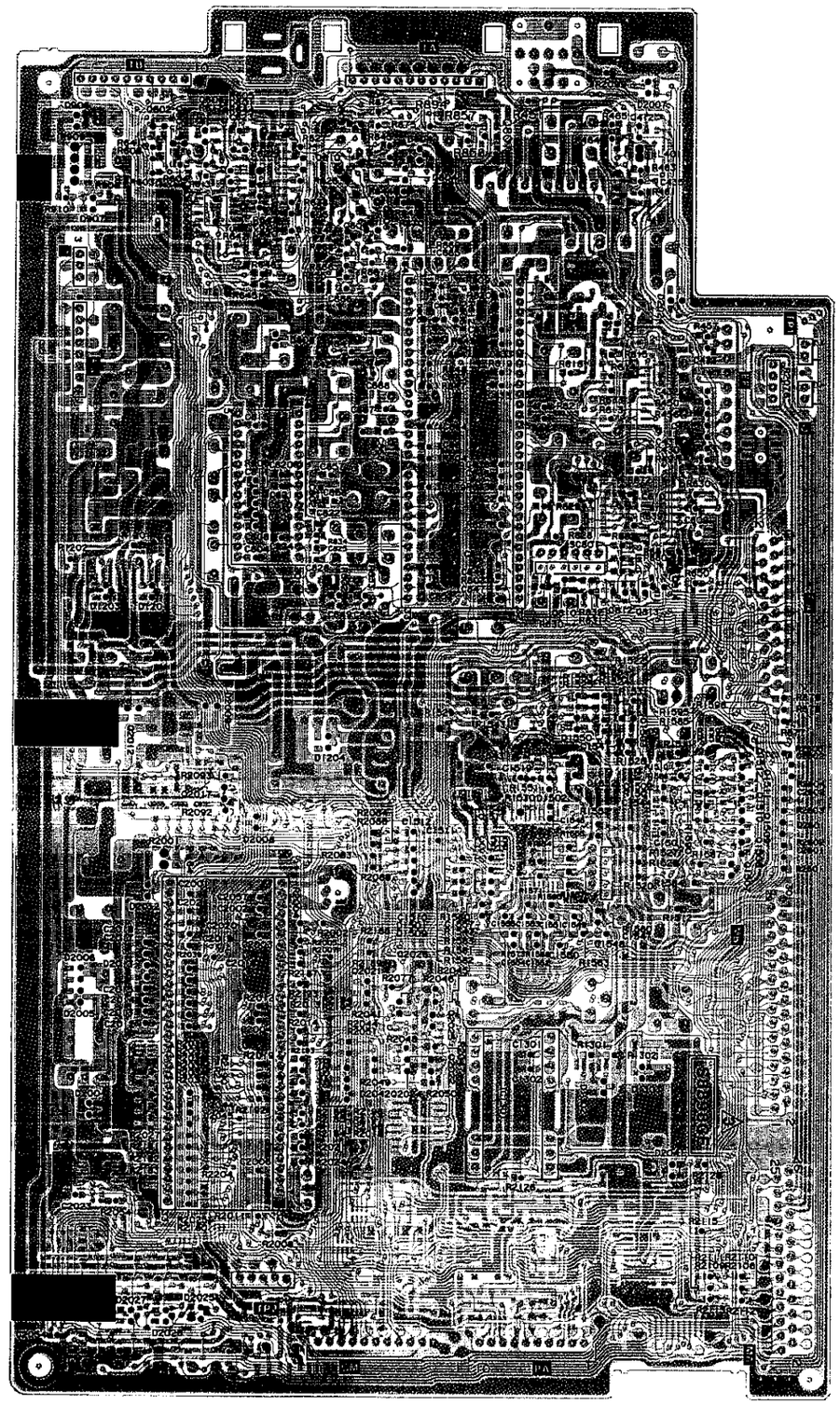
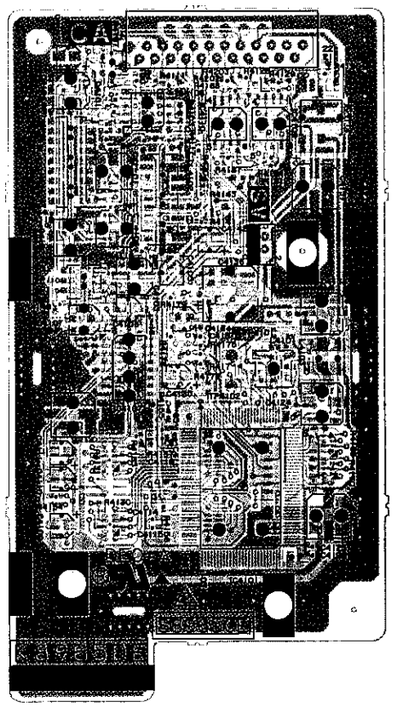
R715



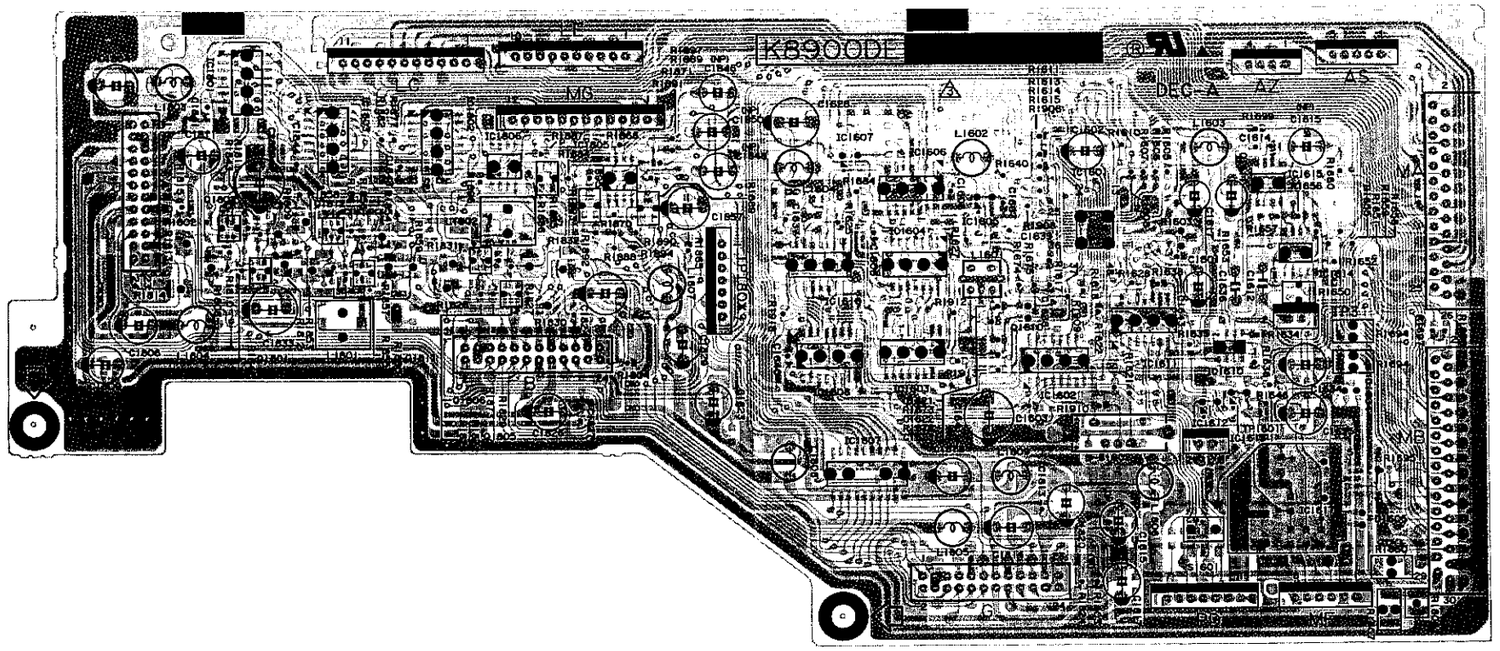
Main Unit (Component Side) / Haupt-Einheit (Bestückungsseite) 主装置印刷电路板(部件装备侧)



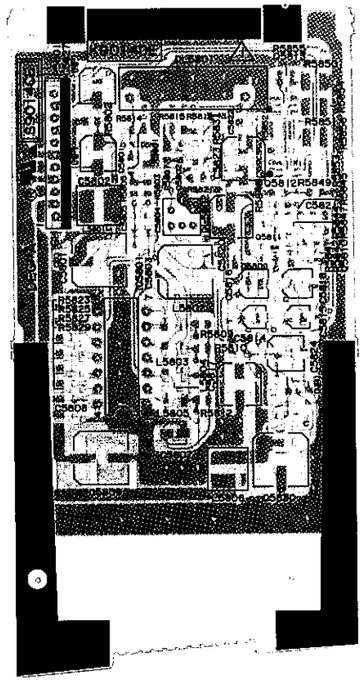
Main Unit (Wiring Side) / Haupt-Einheit (Leiterbahnseite) 主装置印刷电路板(线路贴置侧)



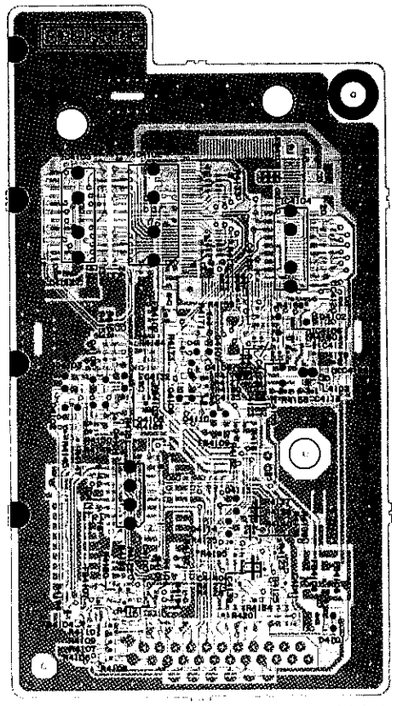
Scan Converter Unit (Component Side) /
Abtast-Konverter-Einheit (Bestückungsseite)
扫描行数变换器印刷电路板(部件装备侧)



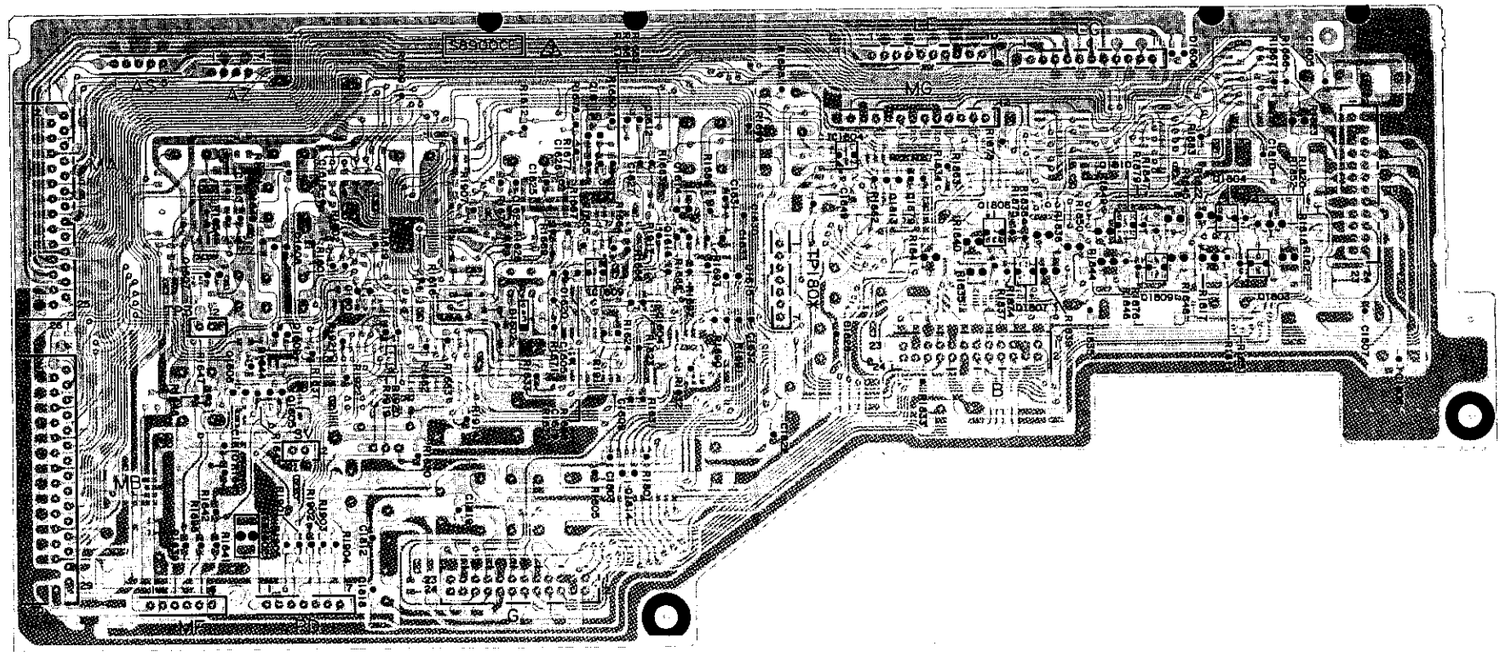
Control Unit (Component Side) / Steuerwerk-Einheit (Bestückungsseite) 控制器印刷电路板(部件装备侧)



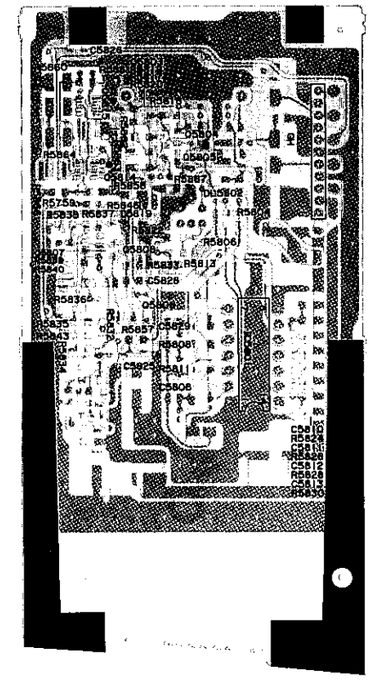
Sharpness Control Unit (Component Side) /
Scharfeinstell-Einheit (Bestückungsseite)
鲜明度控制器印刷电路板(部件装备侧)



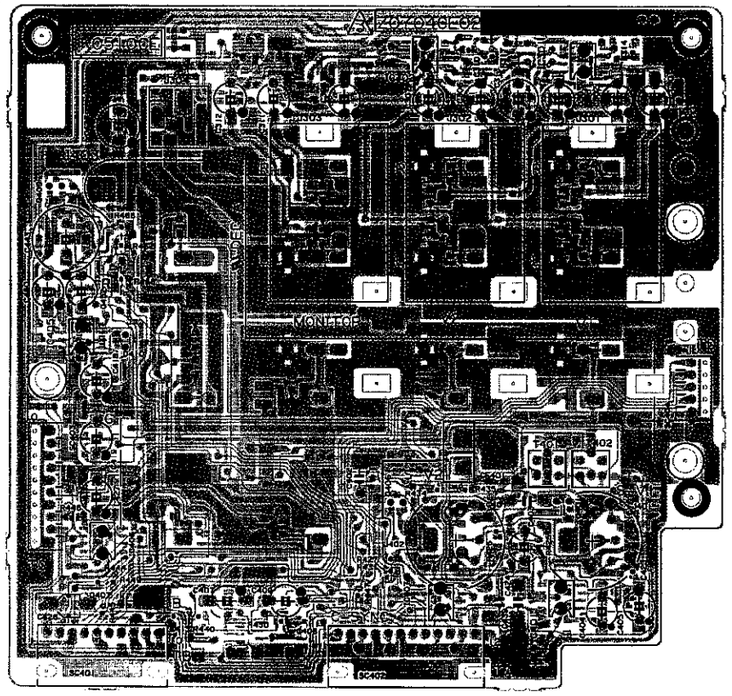
Scan Converter Unit (Wiring Side) /
Abtast-Konverter-Einheit (Leiterbahnseite)
扫描行数变换器印刷电路板(线路贴置侧)



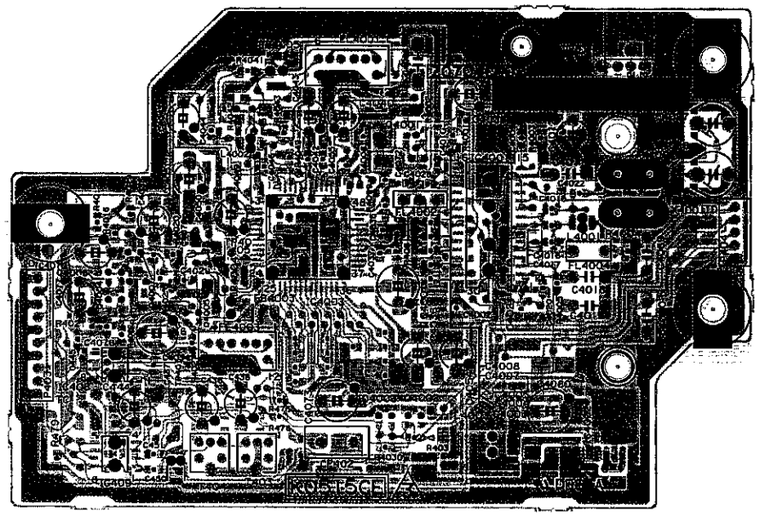
Control Unit (Wiring Side) / Steuerwerk-Einheit (Leiterbahnseite) 控制器印刷电路板(线路贴置侧)



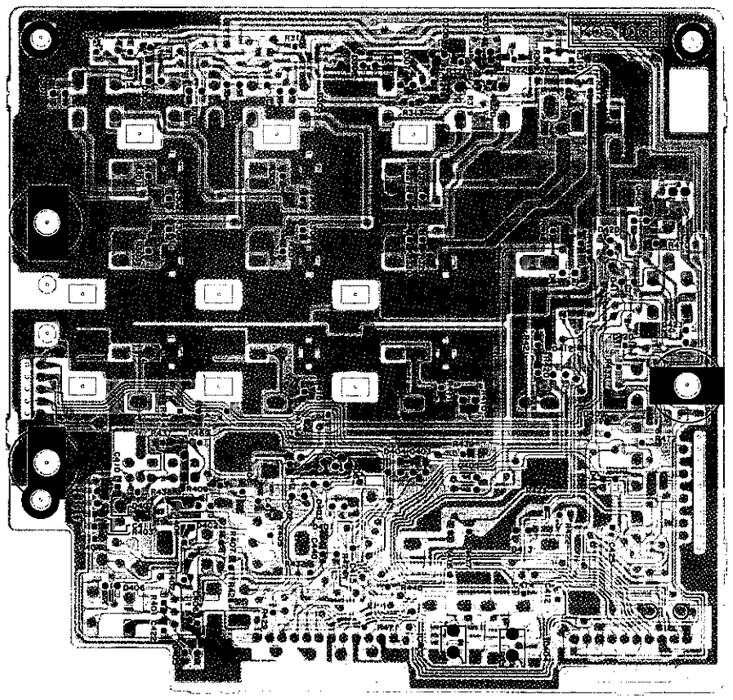
Sharpness Control Unit (Wiring Side) /
Scharfeinstell-Einheit (Leiterbahnseite)
鲜明度控制器印刷电路板(线路贴置侧)



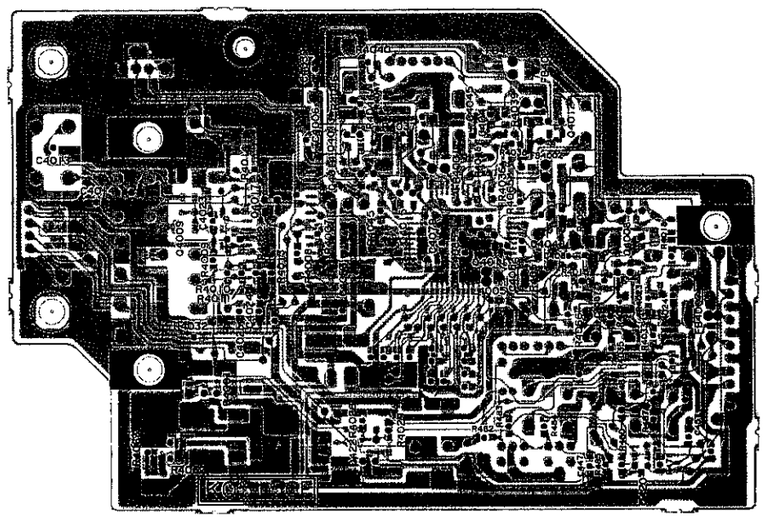
Input Unit (Component Side) / Eingangs-Einheit (Bestückungsseite) 输入装置印刷电路板(部件装备侧)



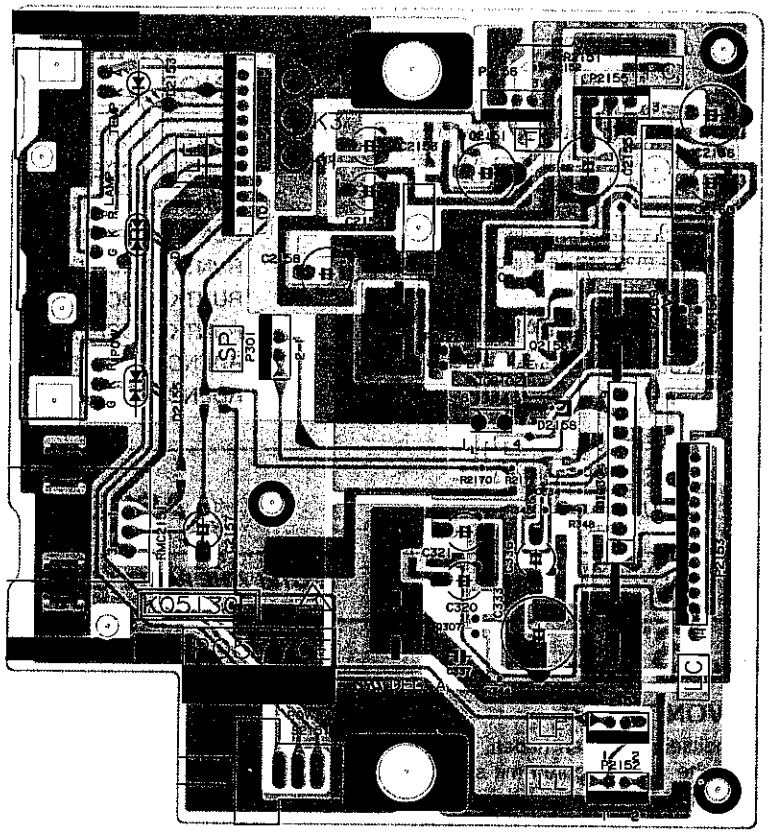
Y/C Separator Unit (Component Side) /
Y/C-Trennstufe-Einheit (Bestückungsseite)
亮度/色度信号分离装置印刷电路板(部件装备侧)



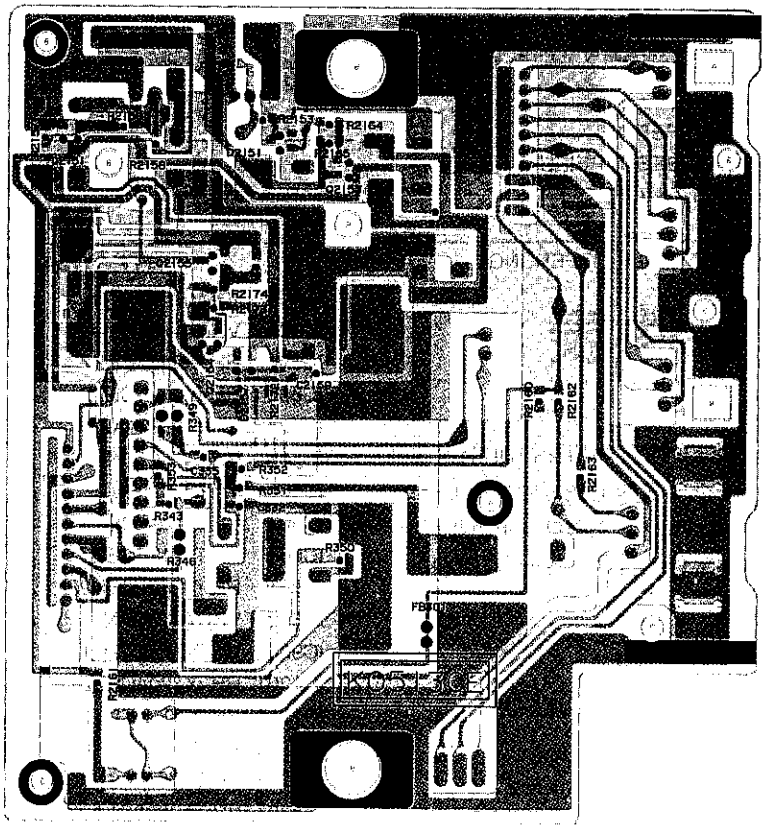
Input Unit (Wiring Side) / Eingangs-Einheit (Leiterbahnseite) 输入装置印刷电路板(线路贴置侧)



Y/C Separator Unit (Wiring Side) /
Y/C-Trennstufe-Einheit (Leiterbahnseite)
亮度/色度信号分离装置印刷电路板(线路贴置侧)



Audio Amp/LED Unit (Component Side) / Audiostufe-Verstärker/LED-Einheit (Bestückungsseite)
音频信号放大器/LED装置印刷电路板(部件装备侧)



Audio Amp/LED Unit (Wiring Side) / Audiostufe-Verstärker/LED-Einheit (Leiterbahnseite)
音频信号放大器/LED装置印刷电路板(线路贴置侧)

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "⚠" in the Replacement Parts Lists.
The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION
5. CODE
6. QUANTITY

MARK ★: SPARE PARTS-DELIVERY SECTION

TEILLISTE

AUSTAUSCH VON TEILEN

Ersatzteile, die besondere Sicherheitseigenschften haben, sind in dieser Anleitung markiert. Elektrische Komponenten mit solchen Eigenshaften sind in den Ersatzteil durch "⚠" gekenn-zeichnet.
Der Gebrauch von Ersatzteilen, die nicht deselben Sicherheitseigenschaften haben wie die vom Hersteller empfohlenen ud in der Bedienungsanleitung angegebenen, können zur Ursache von Blitzeinschlägen, Bränden und anderen Gefahren werden.

"WIE MAN ERSATSTEILE BESTELLT"

Damit Ihre Bestellung promt und korrekt ausgeführt wird, geben Sie bitte folgende Informationen.

1. MODELL NR.
2. REF. NR.
3. ERSATZTEIL NR.
4. BESCHREIBUNG
5. KODE
6. QUANTITÄT

MARKIERUNG ★: ERSATZTEILE-LIEFERUNG

更换零件表

更换零件

本维修说明书对具有特别安全要求的零件均用标记加以识别：在此更换零件表中，具有特别安全要求的电路元件均用⚠标记以便注意识别。更换零件时，为了用户的安全以及电视机原有的工作性能，务请使用夏普规定零件。否则，可能有导致触电、火灾或其他不测事故发生的可能。

更换零件的订货方法

为了能迅速而确实地接受订货、以及正确无误地按时交货，在订货时请将下列各项明确告知。

1. 型号
2. 参考编号
3. 零件编号
4. 零件名称
5. 代号
6. 数量

附★记号为备用部件的交货部门

Ref. No.	Part No.	★	Description	Code

PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

	DUNTK8898DE04	–	Main Unit	—
	DUNTK8900DE04	–	Control Unit	—
	DUNTK8965FE04	–	Scan Converter Unit	—
	DUNTK9014FE01	–	Sharpness Control Unit	—
	RUNTK0510CEZZ	–	Input Unit	—
	RUNTK0513CEZZ	–	Audio Amp./LED Unit	—
	RUNTK0515CEZZ	–	Y/C SeparatorUnit	—
	RDENC0169CEZZ	–	Power Unit	—
	RDENC0177CEZZ	–	Ballast Unit	—

ASSEMBLY UNITS

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

	RLCDP0022CEZZ	J	LCD Module Unit, R/G (For Europe, U.K., Australia, and New Zealand only)	DB
	RLCDP0023CEZZ	J	LCD Module Unit, B (For Europe, U.K., Australia, and New Zealand only)	DB
	RLCDP0016CEZZ	J	LCD Module Unit, R/G (Not for Europe, U.K., Australia, and New Zealand)	DB
	RLCDP0017CEZZ	J	LCD Module Unit, B (Not for Europe, U.K., Australia, and New Zealand)	DB

DUNTK8898DE04
MAIN UNIT

INTEGRATED CIRCUITS

IC403	VHiM51494L/-1	J	M51494L	AK
IC601	VHiTC4S01F/-1	J	TC4S01F	AC
IC602	RH-iX2174CEZZ	J	MC74HC4538FR	AG
IC603	RH-iX2174CEZZ	J	MC74HC4538FR	AG
IC604	VHiTHC221AF-1	J	TC74HC221AF	AG
IC605	VHiSNHC00NS-1	J	SN74HC00NS	AC
IC606	VHiBA7046F/-1	J	BA7046F	AF
IC607	VHiTC4W53F/-1	J	TC4W53F	AE
IC608	RH-iX2174CEZZ	J	MC74HC4538FR	AG
IC801	RH-iX2508CEN2	J	TA8880CN	AZ
IC802	VHiTA8772AN-1	J	TA8772AN	AV
IC906	VHiPQ12SZ51-1	J	PQ12SZ51	AH
IC1201	RH-iX2204CEZZ	J	PQ12TZ11	AG
IC1202	VHiPQ09SZ11-1	J	PQ09SZ1U	AG
IC1203	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC1204	VHiTA79010S-1	J	TA79010S	AE
IC1301	VHiTA7279P/-1	R	TA7279P	AP
IC1302	VHiLB1831M/-1	M	LB1831M	AN
IC1303	RH-iX2204CEZZ	J	PQ12TZ11	AG

DUNTK8898DE04
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
IC1304	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC1501	VHiEL2310CS-1	J	EL2310CE	AU
IC1504	VHiNJM2060M-1	J	NJM2060M	AE
IC1505	VHiNJM2904M-1	J	NJM2904M	AE
IC1506	VHiiR3Y08//-1	J	iR3Y08	AS
IC2001	RH-iX2657CEZZ	J	M37204MC-C77SP	BR
IC2002	VHiPST529CM-1	J	PST529CMT	AE
IC2003	VHiXL93L46F-1	J	XLJ93LC46F	AG
IC2004	VHiM62352GP-1	J	M62352GP	AQ
IC2005	VHiM62352GP-1	J	M62352GP	AQ
IC2006	VHiSNHC00NS-1	J	SN74HC00NS	AC
IC2007	VHiSNHC00NS-1	J	SN74HC00NS	AC
IC5001	VHiTCHC74F/-1	J	TCHC74F	AE
IC5002	VHiSNHC00NS-1	J	SN74HC00NS	AC

TRANSISTORS

Q410	VS2SC2412KQ-1	J	2SC2412	AA
Q601	VS2SC2412KQ-1	J	2SC2412	AA
Q602	VS2SC2412KQ-1	J	2SC2412	AA
Q603	VS2SC2412KQ-1	J	2SC2412	AA
Q604	VS2SC2412KQ-1	J	2SC2412	AA
Q605	VS2SC2412KQ-1	J	2SC2412	AA
Q606	VS2SC2412KQ-1	J	2SC2412	AA
Q610	VS2SA1037KQ-1	J	2SA1037	AA
Q801	VS2SC2412KQ-1	J	2SC2412	AA
Q804	VS2SC2412KQ-1	J	2SC2412	AA
Q805	VS2SC2412KQ-1	J	2SC2412	AA
Q806	VS2SC2412KQ-1	J	2SC2412	AA
Q807	VS2SC2412KQ-1	J	2SC2412	AA
Q808	VS2SC2412KQ-1	J	2SC2412	AA
Q809	VS2SC2412KQ-1	J	2SC2412	AA
Q810	VS2SC2412KQ-1	J	2SC2412	AA
Q811	VS2SC2412KQ-1	J	2SC2412	AA
Q812	VS2SA1037KQ-1	J	2SA1037	AA
Q813	VS2SA1037KQ-1	J	2SA1037	AA
Q814	VS2SA1037KQ-1	J	2SA1037	AA
Q901	VS2SA1037KQ-1	J	2SA1037	AA
Q1503	VS2SC2412KQ-1	J	2SC2412	AA
Q1504	VS2SC2412KQ-1	J	2SC2412	AA
Q1505	VS2SC2412KQ-1	J	2SC2412	AA
Q1506	VS2SC2412KQ-1	J	2SC2412	AA
Q1507	VS2SC2412KQ-1	J	2SC2412	AA
Q1508	VS2SA1037KQ-1	J	2SA1037	AA
Q1509	VS2SC2412KQ-1	J	2SC2412	AA
Q1510	VS2SA1037KQ-1	J	2SA1037	AA
Q1511	VS2SC2412KQ-1	J	2SC2412	AA
Q1512	VS2SA1037KQ-1	J	2SA1037	AA
Q2001	VS2SC2412KQ-1	J	2SC2412	AA
Q2002	VS2SA1037KQ-1	J	2SA1037	AA
Q2003	VS2SC2412KQ-1	J	2SC2412	AA
Q2004	VS2SC2412KQ-1	J	2SC2412	AA
Q2005	VS2SC2412KQ-1	J	2SC2412	AA
Q2006	VS2SC2412KQ-1	J	2SC2412	AA
Q2010	VS2SC3198-Y-1	J	2SC3198	AA
Q2011	VS2SA1037KQ-1	J	2SA1037	AA
Q2012	VS2SC2412KQ-1	J	2SC2412	AA
Q2013	VS2SC2412KQ-1	J	2SC2412	AA
Q2014	VS2SC2412KQ-1	J	2SC2412	AA
Q2015	VS2SC2412KQ-1	J	2SC2412	AA
Q2016	VS2SC2412KQ-1	J	2SC2412	AA
Q2017	VS2SC2412KQ-1	J	2SC2412	AA
Q2021	VSDTC144EK/-1	J	DTC144EK	AB
Q2022	VS2SC2412KQ-1	J	2SC2412	AA
Q2024	VS2SC2412KQ-1	J	2SC2412	AA
Q2025	VS2SC2412KQ-1	J	2SC2412	AA
Q2026	VS2SC2412KQ-1	J	2SC2412	AA
Q2031	VS2SC2412KQ-1	J	2SC2412	AA
Q2601	VS2SA1037KQ-1	J	2SA1037	AA
Q2602	VS2SC2412KQ-1	J	2SC2412	AA

DIODES

D601	VHDMA152WK/-1	J	Diode MA152WK	AA
D801	RH-EX0497CEZZ	J	Zener Diode	AC
D802	RH-EX0539CEZZ	J	Zener Diode	AB
D803	VHDMA152WK/-1	J	Diode MA152WK	AA
D804	VHDMA152WK/-1	J	Diode MA152WK	AA
D805	VHDMA153///-1	J	Diode MA153	AB
D806	VHDMA152WK/-1	J	Diode MA152WK	AA
D808	RH-EX0294CEZZ	J	Zener Diode	AA
D906	VHDMA152WK/-1	J	Diode MA152WK	AA
D907	VHDMA152WA/-1	J	Diode MA152WA	AA
D1201	VHDMA152WK/-1	J	Diode MA152WK	AA
D1202	VHDMA152WK/-1	J	Diode MA152WK	AA
D1203	VHDMA152WK/-1	J	Diode MA152WK	AA
D1204	VHDMA152WK/-1	J	Diode MA152WK	AA
D1301	VHDMA152WK/-1	J	Diode MA152WK	AA
D1302	VHDMA153///-1	J	Diode MA153	AB
D1303	VHDMA152WK/-1	J	Diode MA152WK	AA
D1501	VHDMA152WK/-1	J	Diode MA152WK	AA
D1502	VHDMA153///-1	J	Diode MA153	AB
D1503	VHDMA152WK/-1	J	Diode MA152WK	AA
D1504	VHDMA152WK/-1	J	Diode MA152WK	AA
D1505	VHDMA152WK/-1	J	Diode MA152WK	AA
D1506	VHDMA152WK/-1	J	Diode MA152WK	AA
D1507	VHDMA152WK/-1	J	Diode MA152WK	AA
D1508	VHDMA152WK/-1	J	Diode MA152WK	AA
D1509	VHDMA152WK/-1	J	Diode MA152WK	AA
D1550	VHDMA153///-1	J	Diode MA153	AB
D2001	VHDMA152WK/-1	J	Diode MA152WK	AA
D2002	RH-EX0516CEZZ	J	Zener Diode	AB
D2004	VHDMA152WK/-1	J	Diode MA152WK	AA
D2005	RH-EX0227CEZZ	J	Zener Diode	AB
D2006	VHDMA152WK/-1	J	Diode MA152WK	AA
D2007	RH-EX0226CEZZ	J	Zener Diode	AB
D2008	VHDMA152WK/-1	J	Diode MA152WK	AA
D2009	VHDMA152WK/-1	J	Diode MA152WK	AA
D2010	RH-EX0227CEZZ	J	Zener Diode	AB
D2011	VHDMA152WK/-1	J	Diode MA152WK	AA
D2012	RH-EX0227CEZZ	J	Zener Diode 5.1V	AB

DUNTK8898DE04
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
D2013	RH-EX0226CEZZ	J	Zener Diode	AB
D2016	VHDMA152WK/-1	J	Diode MA152WK	AA
D2017	VHDMA152WK/-1	J	Diode MA152WK	AA
D2018	VHDMA152WK/-1	J	Diode MA152WK	AA
D2019	VHDMA152WK/-1	J	Diode MA152WK	AA
D2020	VHDMA153///-1	J	Diode MA153	AB
D2021	VHDMA153///-1	J	Diode MA153	AB
D2022	VHDMA153///-1	J	Diode MA153	AB
D2023	VHDMA153///-1	J	Diode MA153	AB
D2024	VHDMA152WK/-1	J	Diode MA152WK	AA
D2025	VHDMA152WK/-1	J	Diode MA152WK	AA
D2026	VHDMA152WK/-1	J	Diode MA152WK	AA
D2027	VHDMA152WK/-1	J	Diode MA152WK	AA
D2028	VHDMA152WK/-1	J	Diode MA152WK	AA
D2030	VHDMA152WK/-1	J	Diode MA152WK	AA
D2032	VHDMA152WK/-1	J	Diode MA152WK	AA
D2033	VHDMA152WK/-1	J	Diode MA152WK	AA
D2036	VHDMA152WK/-1	J	Diode MA152WK	AA
D2037	VHDMA153///-1	J	Diode MA153	AB
D2038	VHDMA153///-1	J	Diode MA153	AB
D2039	VHDMA153///-1	J	Diode MA153	AB
D2040	VHDMA153///-1	J	Diode MA153	AB
D2042	RH-EX0251CEZZ	J	Zener Diode	AB
D2043	RH-EX0251CEZZ	J	Zener Diode 6.2V	AB
D2044	RH-EX0251CEZZ	J	Zener Diode 6.2V	AB
D2045	RH-EX0251CEZZ	J	Zener Diode 6.2V	AB
D2046	RH-EX0251CEZZ	J	Zener Diode 6.2V	AB
D2047	RH-EX0251CEZZ	J	Zener Diode 6.2V	AB
D2048	RH-EX0251CEZZ	J	Zener Diode 6.2V	AB
D2049	VHDMA152WK/-1	J	Diode MA152WK	AA
D2050	VHDMA152WA/-1	J	Diode MA152WA	AA
D2051	VHDMA152WK/-1	J	Diode MA152WK	AA
D2052	VHDMA152WA/-1	J	Diode MA152WA	AA
D2053	VHDMA152WK/-1	J	Diode MA152WK	AA
D5001	VHDMA152WK/-1	J	Diode MA152WK	AA

PACKAGED CIRCUITS

X801	RCRSB0002CEZZ	J	Crystal 4.43 MHz	AM
X802	RCRSB0069CEZZ	J	Crystal 3.58 MHz	AG

COIL AND TRANSFORMERS

CF801	RFiLA0034CEZZ	J	Ceramic Filter	AD
CF2001	RFiLC0112GEZZ	J	Ceramic Filter	AC
DL802	RCiLZ0826CEZZ	J	Delay Line Coil	AH
L801	VP-MK120K0000	J	Peaking 12µH	AB
L803	VP-MK270K0000	J	Peaking 27µH	AB
L804	VP-MK220K0000	J	Peaking 22µH	AB
L1201	RCiLP0168TAZZ	J	Coil	AF
L1202	RCiLP0168TAZZ	J	Coil	AF
L1203	RCiLP0168TAZZ	J	Coil	AF
L1204	RCiLP0168TAZZ	J	Coil	AF
L1501	VP-MK5R6K0000	J	Peaking 5.6µH	AB
L1504	VP-1M8R2J1R5N	J	Peaking 8.2µH	AC

Ref. No.	Part No.	★	Description	Code
T2001	RCiLB0024CEZZ	J	Oscillation Coil Sign Position Display Adj.	AD

CONTROLS

R1516	RVR-M4272CEZZ	J	10k(B) Gamma Correct	AC
R1517	RVR-M4272CEZZ	J	10k(B) Gamma Correct	AC
R1539	RVR-M4277CEZZ	J	68k(B) AGC	AD

CAPACITORS

C429	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C430	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C431	VCCCTV1HH331J	J	330p	50V	Ceramic	AA
C432	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C433	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C434	VCEAGA1CW476M	J	47	16V	Electrolytic	AB
C437	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C438	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C461	VCCCTV1HH151J	J	150p	50V	Ceramic	AA
C601	VCKYTQ1CB105K	J	1.0	16V	Ceramic	AC
C602	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C605	VCCCTV1HH221J	J	220p	50V	Ceramic	AA
C606	VCCCTV1HH821J	J	820p	50V	Ceramic	AB
C607	VCQYTA1HM183J	J	0.018	50V	Mylar	AB
C608	VCCCTV1HH470J	J	47p	50V	Ceramic	AA
C609	VCCCTV1HH102J	J	1000p	50V	Ceramic	AA
C610	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C611	VCCCTV1HH102J	J	1000p	50V	Ceramic	AA
C612	VCCCTV1HH102J	J	1000p	50V	Ceramic	AA
C613	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C614	VCCCTV1HH561J	J	560p	50V	Ceramic	AA
C615	VCCCTV1HH102J	J	1000p	50V	Ceramic	AA
C617	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C618	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C619	VCE9GA1CW226M	J	22	16V	Elect. (N.P)	AB
C620	VCKYTV1HB223K	J	0.022	50V	Ceramic	AB
C621	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C622	VCKYTQ1CB105K	J	1.0	16V	Ceramic	AC
C623	VCKYTV1HB102K	J	1000p	50V	Ceramic	AA
C624	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C625	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C627	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C804	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C805	VCEAGA1CW477M	J	470	16V	Electrolytic	AC
C806	VCEAGA1HW474M	J	0.47	50V	Electrolytic	AA
C807	VCEAGA1HW474M	J	0.47	50V	Electrolytic	AA
C808	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C809	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C810	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C811	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C812	VCQYTA1HM104J	J	0.1	50V	Mylar	AA
C813	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C814	VCE9GA1HW474M	J	0.47	50V	Elect. (N.P)	AB
C815	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C816	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C817	VCEAGA1HW225M	J	2.2	50V	Electrolytic	AB
C818	VCEAGA1HW225M	J	2.2	50V	Electrolytic	AB

DUNTK8898DE04
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
C819	VCEAGA1HW105M	J	1.0	50V	Electrolytic	AC
C820	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C821	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C822	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C823	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C824	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C825	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C826	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C827	VCEAGA1HW105M	J	1.0	50V	Electrolytic	AC
C828	VCQYTA1HM153J	J	0.015	50V	Mylar	AA
C829	VCEAGA1HW105M	J	1.0	50V	Electrolytic	AC
C831	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C832	VCEAGA1CW477M	J	470	16V	Electrolytic	AC
C833	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C834	VCQYTA1HM103J	J	0.01	50V	Mylar	AA
C835	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C836	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C837	VCEAGA1CW477M	J	470	16V	Electrolytic	AC
C838	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C839	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C840	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C841	VCEAGA1CW476M	J	47	16V	Electrolytic	AB
C842	VCQYTA1HM103J	J	0.01	50V	Mylar	AA
C843	VCEAGA1HW225M	J	2.2	50V	Electrolytic	AB
C844	VCEAGA1HW105M	J	1.0	50V	Electrolytic	AC
C845	VCCCTV1HH820J	J	82p	50V	Ceramic	AA
C846	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C847	VCCCTV1HH820J	J	82p	50V	Ceramic	AA
C848	VCQYTA1HM223J	J	0.022	50V	Mylar	AA
C849	VCCCTV1HH470J	J	47p	50V	Ceramic	AA
C850	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C852	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C853	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C854	VCEAGA1CW477M	J	470	16V	Electrolytic	AC
C855	VCEAGA1HW475M	J	4.7	50V	Electrolytic	AB
C856	VCQYTA1HM223J	J	0.022	50V	Mylar	AA
C857	VCCCTV1HH120J	J	12p	50V	Ceramic	AA
C858	VCCCTV1HH100D	J	10p	50V	Ceramic	AA
C859	VCQYTA1HM223J	J	0.022	50V	Mylar	AA
C861	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C863	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C864	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C865	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C866	VCQYTA1HM104J	J	0.1	50V	Mylar	AA
C867	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C868	VCCCTV1HH470J	J	47p	50V	Ceramic	AA
C869	VCCCTV1HH270J	J	27p	50V	Ceramic	AA
C870	VCEAGA1HW105M	J	1.0	50V	Electrolytic	AC
C871	VCEAGA1HW105M	J	1.0	50V	Electrolytic	AC
C872	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C873	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C874	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C876	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C878	VCKYTQ1HF224Z	J	0.22	50V	Ceramic	AB
C880	VCEAGA1HW105M	J	1.0	50V	Electrolytic	AC
C882	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C883	VCCCTV1HH220J	J	22p	50V	Ceramic	AA
C884	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C887	VCEAGA1CW477M	J	470	16V	Electrolytic	AC
C889	VCEAGA1CW226M	J	22	16V	Electrolytic	AB
C914	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C916	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C1201	VCEAGA1EW107M	J	100	25V	Electrolytic	AD
C1202	VCEAGA1EW107M	J	100	25V	Electrolytic	AD
C1203	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C1204	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C1205	VCEAGA1EW227M	J	220	25V	Electrolytic	AC
C1206	VCEAGA1EW227M	J	220	25V	Electrolytic	AC
C1207	VCEAGA1EW107M	J	100	25V	Electrolytic	AD
C1208	VCEAGA1EW107M	J	100	25V	Electrolytic	AD
C1209	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C1301	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1302	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1303	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1304	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1305	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1306	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1307	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1308	VCEAGA1EW107M	J	100	25V	Electrolytic	AD
C1309	VCEAGA1CW477M	J	470	16V	Electrolytic	AC
C1501	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1502	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1504	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1505	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1506	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1507	VCEAGA1CW476M	J	47	16V	Electrolytic	AB
C1508	VCEAGA1CW476M	J	47	16V	Electrolytic	AB
C1510	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1511	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1512	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1513	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C1514	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1515	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1516	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1517	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1518	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1519	VCCCTV1HH151J	J	150p	50V	Ceramic	AA
C1520	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1521	VCKYTV1HB682K	J	6800p	50V	Ceramic	AA
C1522	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1523	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1524	VCEAGA1EW107M	J	100	25V	Electrolytic	AD
C1526	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C1527	VCEAGA1HW225M	J	2.2	50V	Electrolytic	AB
C1528	VCEAGA1HW225M	J	2.2	50V	Electrolytic	AB
C1530	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1532	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1533	VCE9GA1HW105M	J	1.0	50V	Elect. (N.P)	AB
C1541	VCCCTV1HH101J	J	100p	50V	Ceramic	AA

DUNTK8898DE04
MAIN UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C1542	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C1543	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1544	VCQYTA1HM104J	J	0.1	50V	Mylar	AA
C1545	VCQYTA1HM104J	J	0.1	50V	Mylar	AA
C1546	VCQYTA1HM104J	J	0.1	50V	Mylar	AA
C1547	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1548	VCCCTV1HH102J	J	1000p	50V	Ceramic	AA
C1549	VCKYTV1HB682K	J	6800p	50V	Ceramic	AA
C1550	VCKYTV1HB682K	J	6800p	50V	Ceramic	AA
C1551	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1552	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1553	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1554	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1555	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1556	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1557	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1558	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C1559	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C1560	VCEAGA1CW476M	J	47	16V	Electrolytic	AB
C1561	VCEAGA1CW476M	J	47	16V	Electrolytic	AB
C1562	VCCCTV1HH561J	J	560p	50V	Ceramic	AA
C1652	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C2001	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C2002	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C2003	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C2006	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C2007	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C2008	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C2009	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C2010	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C2011	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C2012	VCKYTV1HB102K	J	1000p	50V	Ceramic	AA
C2013	VCKYTV1HB102K	J	1000p	50V	Ceramic	AA
C2014	VCKYTV1HB102K	J	1000p	50V	Ceramic	AA
C2015	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C2016	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C2017	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C2018	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2019	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2020	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2021	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2022	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C2023	VCKYTV1HB102K	J	1000p	50V	Ceramic	AA
C2024	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2025	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2026	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2027	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2028	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2029	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2030	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C2034	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C2035	VCEAGA1CW477M	J	470	16V	Electrolytic	AC
C2036	VCCCTV1HH820J	J	82p	50V	Ceramic	AA
C2037	VCCCTV1HH820J	J	82p	50V	Ceramic	AA
C2038	VCCCTV1HH820J	J	82p	50V	Ceramic	AA
C2039	VCCCTV1HH820J	J	82p	50V	Ceramic	AA
C2040	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C2041	VCEAGA1CW476M	J	47	16V	Electrolytic	AB
C2044	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2045	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2046	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2047	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2048	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2049	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2050	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2051	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C2052	VCEAGA1CW477M	J	470	16V	Electrolytic	AC
C2053	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C2054	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C2056	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C2058	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C2059	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C2065	VCEAGA0JW477M	J	470	6.3V	Electrolytic	AB
C2068	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C2601	VCCCTV1HH470J	J	47p	50V	Ceramic	AA
C2602	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C5001	VCEAGA1CW476M	J	47	16V	Electrolytic	AB
C5002	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C5003	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA

RESISTORS

R450	VRS-TV1JD562J	J	5.6k	1/10W	Metal Oxide	AA
R451	VRS-TV1JD821J	J	820	1/10W	Metal Oxide	AA
R452	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R455	VRS-TV1JD332J	J	3.3k	1/10W	Metal Oxide	AA
R456	VRS-TV1JD822J	J	8.2k	1/10W	Metal Oxide	AA
R457	VRS-TV1JD822J	J	8.2k	1/10W	Metal Oxide	AA
R458	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R461	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R462	VRS-TV1JD182J	J	1.8k	1/10W	Metal Oxide	AA
R491	VRS-TV1JD153J	J	15k	1/10W	Metal Oxide	AA
R493	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R601	VRS-TV1JD561J	J	560	1/10W	Metal Oxide	AA
R602	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R603	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R604	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R605	VRS-TV1JD222J	J	2.2k	1/10W	Metal Oxide	AA
R606	VRS-TV1JD222J	J	2.2k	1/10W	Metal Oxide	AA
R612	VRS-TV1JD122J	J	1.2k	1/10W	Metal Oxide	AA
R613	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R616	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R618	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R619	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R622	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R623	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R624	VRS-TV1JD473J	J	47k	1/10W	Metal Oxide	AA
R625	VRN-TV1JD473D	J	47k	1/10W	Metal Film	AB
R626	VRS-TV1JD123J	J	12k	1/10W	Metal Oxide	AA
R627	VRS-TV1JD123J	J	12k	1/10W	Metal Oxide	AA

DUNTK8898DE04
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R628	VRN-TV1JD103D	J	10k 1/10W Metal Film	AB
R629	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA
R630	VRN-TV1JD682D	J	6.8k 1/10W Metal Film	AA
R631	VRN-TV1JD682D	J	6.8k 1/10W Metal Film	AA
R632	VRN-TV1JD103D	J	10k 1/10W Metal Film	AB
R633	VRN-TV1JD183D	J	18k 1/10W Metal Film	AA
R634	VRN-TV1JD103D	J	10k 1/10W Metal Film	AB
R638	VRN-TV1JD223D	J	22k 1/10W Metal Film	AB
R639	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA
R640	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA
R641	VRS-TV1JD562J	J	5.6k 1/10W Metal Oxide	AA
R642	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA
R643	VRS-TV1JD474J	J	470k 1/10W Metal Oxide	AA
R644	VRS-TV1JD331J	J	330 1/10W Metal Oxide	AA
R803	VRS-TV1JD225J	J	2.2M 1/10W Metal Oxide	AA
R806	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA
R807	VRS-TV1JD102J	J	1k 1/10W Metal Oxide	AA
R808	VRS-TX2HF121J	J	120 1/2W Metal Oxide	AB
R809	VRS-TV1JD395J	J	3.9M 1/10W Metal Oxide	AA
R810	VRS-TV1JD472J	J	4.7k 1/10W Metal Oxide	AA
R811	VRS-TV1JD331J	J	330 1/10W Metal Oxide	AA
R812	VRS-TX2HF101J	J	100 1/2W Metal Oxide	AA
R813	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA
R814	VRS-TV1JD822J	J	8.2k 1/10W Metal Oxide	AA
R815	VRS-TV1JD222J	J	2.2k 1/10W Metal Oxide	AA
R816	VRS-TX2HF270J	J	27 1/2W Metal Oxide	AB
R817	VRS-TX2HF270J	J	27 1/2W Metal Oxide	AB
R818	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA
R819	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA
R820	VRS-TV1JD824J	J	820k 1/10W Metal Oxide	AA
R821	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA
R822	VRS-TV1JD392J	J	3.9k 1/10W Metal Oxide	AA
R823	VRS-TV1JD682J	J	6.8k 1/10W Metal Oxide	AA
R827	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA
R828	VRS-TV1JD332J	J	3.3k 1/10W Metal Oxide	AA
R829	VRS-TV1JD223J	J	22k 1/10W Metal Oxide	AA
R830	VRS-TV1JD394J	J	390k 1/10W Metal Oxide	AA
R831	VRS-TV1JD223J	J	22k 1/10W Metal Oxide	AA
R832	VRS-TV1JD223J	J	22k 1/10W Metal Oxide	AA
R833	VRS-TV1JD272J	J	2.7k 1/10W Metal Oxide	AA
R834	VRS-TV1JD102J	J	1k 1/10W Metal Oxide	AA
R835	VRS-TV1JD221J	J	220 1/10W Metal Oxide	AA
R836	VRS-TV1JD182J	J	1.8k 1/10W Metal Oxide	AA
R837	VRS-TV1JD473J	J	47k 1/10W Metal Oxide	AA
R838	VRS-TV1JD473J	J	47k 1/10W Metal Oxide	AA
R839	VRS-TV1JD222J	J	2.2k 1/10W Metal Oxide	AA
R841	VRS-TV1JD122J	J	1.2k 1/10W Metal Oxide	AA
R842	VRS-TV1JD821J	J	820 1/10W Metal Oxide	AA
R843	VRS-TV1JD474J	J	470k 1/10W Metal Oxide	AA
R844	VRS-TV1JD474J	J	470k 1/10W Metal Oxide	AA
R845	VRS-TV1JD473J	J	47k 1/10W Metal Oxide	AA
R846	VRS-TV1JD473J	J	47k 1/10W Metal Oxide	AA
R847	VRS-TV1JD392J	J	3.9k 1/10W Metal Oxide	AA
R848	VRS-TV1JD332J	J	3.3k 1/10W Metal Oxide	AA
R849	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA
R850	VRS-TV1JD224J	J	220k 1/10W Metal Oxide	AA
R851	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA
R852	VRS-TV1JD223J	J	22k 1/10W Metal Oxide	AA
R854	VRS-TV1JD394J	J	390k 1/10W Metal Oxide	AA
R855	VRS-TV1JD152J	J	1.5k 1/10W Metal Oxide	AA
R856	VRS-TV1JD102J	J	1k 1/10W Metal Oxide	AA
R857	VRS-TV1JD102J	J	1k 1/10W Metal Oxide	AA
R858	VRS-TV1JD222J	J	2.2k 1/10W Metal Oxide	AA
R859	VRS-TV1JD822J	J	8.2k 1/10W Metal Oxide	AA
R860	VRS-TV1JD392J	J	3.9k 1/10W Metal Oxide	AA
R861	VRS-TV1JD183J	J	18k 1/10W Metal Oxide	AA
R862	VRS-TV1JD222J	J	2.2k 1/10W Metal Oxide	AA
R863	VRS-TV1JD104J	J	100k 1/10W Metal Oxide	AA
R864	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA
R866	VRS-TV1JD122J	J	1.2k 1/10W Metal Oxide	AA
R868	VRS-TV1JD271J	J	270 1/10W Metal Oxide	AA
R870	VRS-TV1JD681J	J	680 1/10W Metal Oxide	AA
R872	VRS-TV1JD102J	J	1k 1/10W Metal Oxide	AA
R874	VRS-TV1JD223J	J	22k 1/10W Metal Oxide	AA
R875	VRS-TV1JD223J	J	22k 1/10W Metal Oxide	AA
R876	VRS-TV1JD223J	J	22k 1/10W Metal Oxide	AA
R880	VRS-TV1JD152J	J	1.5k 1/10W Metal Oxide	AA
R881	VRS-TV1JD152J	J	1.5k 1/10W Metal Oxide	AA
R882	VRS-TV1JD152J	J	1.5k 1/10W Metal Oxide	AA
R883	VRS-TV1JD152J	J	1.5k 1/10W Metal Oxide	AA
R884	VRS-TV1JD152J	J	1.5k 1/10W Metal Oxide	AA
R885	VRS-TV1JD152J	J	1.5k 1/10W Metal Oxide	AA
R886	VRS-TV1JD152J	J	1.5k 1/10W Metal Oxide	AA
R889	VRS-TV1JD152J	J	1.5k 1/10W Metal Oxide	AA
R890	VRS-TV1JD152J	J	1.5k 1/10W Metal Oxide	AA
R897	VRD-RA2BE185J	J	1.8M 1/8W Carbon	AA
R908	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R909	VRS-TX2HF6R8J	J	6.8 1/2W Metal Oxide	AA
R910	VRS-TV1JD392J	J	3.9k 1/10W Metal Oxide	AA
R912	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA
R1201	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA
R1202	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA
R1203	VRS-TV1JD104J	J	100k 1/10W Metal Oxide	AA
R1204	VRS-TV1JD222J	J	2.2k 1/10W Metal Oxide	AA
R1205	VRG-RF2HB2R2J	J	2.2 1/2W Fuse Resistor	AB
R1209	VRS-SV3AB330J	J	33 1W Metal Oxide	AC
R1210	VRS-SV3AB270J	J	27 1W Metal Oxide	AC
R1301	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA
R1302	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA
R1303	VRS-TV1JD000J	J	0 1/10W Metal Oxide	AA
R1501	VRS-TV1JD102J	J	1k 1/10W Metal Oxide	AA
R1502	VRS-TV1JD102J	J	1k 1/10W Metal Oxide	AA
R1503	VRS-TV1JD102J	J	1k 1/10W Metal Oxide	AA
R1504	VRN-TV1JD332D	J	3.3k 1/10W Metal Film	AA
R1506	VRN-TV1JD332D	J	3.3k 1/10W Metal Film	AA
R1507	VRN-TV1JD332D	J	3.3k 1/10W Metal Film	AA
R1508	VRN-TV1JD332D	J	3.3k 1/10W Metal Film	AA
R1509	VRN-TV1JD332D	J	3.3k 1/10W Metal Film	AA
R1510	VRN-TV1JD562D	J	5.6k 1/10W Metal Film	AA

DUNTK8898DE04
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
R1511	VRN-TV1JD562D	J	5.6k	1/10W	Metal Film	AA
R1512	VRS-TV1JD560J	J	56	1/10W	Metal Oxide	AA
R1513	VRS-TV1JD680J	J	68	1/10W	Metal Oxide	AA
R1514	VRS-TV1JD153J	J	15k	1/10W	Metal Oxide	AA
R1515	VRS-TV1JD183J	J	18k	1/10W	Metal Oxide	AA
R1516	*See Controls*	J				
R1517	*See Controls*	J				
R1518	VRN-TV1JD332D	J	3.3k	1/10W	Metal Film	AA
R1520	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1521	VRS-TV1JD154J	J	150k	1/10W	Metal Oxide	AA
R1522	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1523	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1524	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1525	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R1526	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1527	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1528	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R1530	VRS-TW2ED5R6J	J	5.6	1/4W	Metal Oxide	AA
R1531	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R1533	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1535	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R1536	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1537	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R1538	VRS-TV1JD393J	J	39k	1/10W	Metal Oxide	AA
R1539	*See Controls*	J				
R1540	VRS-TV1JD153J	J	15k	1/10W	Metal Oxide	AA
R1541	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1542	VRS-TV1JD473J	J	47k	1/10W	Metal Oxide	AA
R1543	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R1544	VRS-TV1JD273J	J	27k	1/10W	Metal Oxide	AA
R1545	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1546	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R1547	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R1548	VRS-TV1JD183J	J	18k	1/10W	Metal Oxide	AA
R1550	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R1551	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1552	VRS-TV1JD474J	J	470k	1/10W	Metal Oxide	AA
R1553	VRS-TV1JD474J	J	470k	1/10W	Metal Oxide	AA
R1554	VRS-TV1JD474J	J	470k	1/10W	Metal Oxide	AA
R1555	VRS-TV1JD474J	J	470k	1/10W	Metal Oxide	AA
R1556	VRS-TV1JD474J	J	470k	1/10W	Metal Oxide	AA
R1557	VRS-TV1JD474J	J	470k	1/10W	Metal Oxide	AA
R1558	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R1559	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1560	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1561	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R1562	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1563	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1564	VRS-TV1JD273J	J	27k	1/10W	Metal Oxide	AA
R1565	VRS-TV1JD273J	J	27k	1/10W	Metal Oxide	AA
R1566	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R1567	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1568	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1569	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R1570	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1571	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1572	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1573	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1574	VRS-TV1JD123J	J	12k	1/10W	Metal Oxide	AA
R1575	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1576	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R1577	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R1578	VRS-TV1JD473J	J	47k	1/10W	Metal Oxide	AA
R1579	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1580	VRS-TV1JD332J	J	3.3k	1/10W	Metal Oxide	AA
R1581	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R1582	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R1583	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R1584	VRN-TV1JD182D	J	1.8k	1/10W	Metal Film	AA
R1585	VRN-TV1JD682D	J	6.8k	1/10W	Metal Film	AA
R1586	VRN-TV1JD182D	J	1.8k	1/10W	Metal Film	AA
R1587	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1588	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1589	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1590	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1591	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1592	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1593	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1594	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1595	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1596	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1597	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1598	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1924	VRD-RA2BE821J	J	820	1/8W	Carbon	AA
R1925	VRD-RA2BE821J	J	820	1/8W	Carbon	AA
R1926	VRD-RA2BE821J	J	820	1/8W	Carbon	AA
R2001	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R2002	VRN-TV1JD273D	J	27k	1/10W	Metal Film	AB
R2003	VRN-TV1JD472D	J	4.7k	1/10W	Metal Film	AA
R2004	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R2005	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R2006	VRS-CB1JF223J	J	22k	1/16W	Metal Oxide	AA
R2007	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2009	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2010	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2013	VRS-TV1JD392J	J	3.9k	1/10W	Metal Oxide	AA
R2014	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2015	VRS-TV1JD123J	J	12k	1/10W	Metal Oxide	AA
R2016	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2017	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2018	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2019	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2020	VRS-CB1JF102J	J	1k	1/16W	Metal Oxide	AA
R2021	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2022	VRS-TV1JD222J	J	2.2k	1/10W	Metal Oxide	AA
R2023	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2024	VRS-TV1JD105J	J	1M	1/10W	Metal Oxide	AA
R2027	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2028	VRS-CB1JF102J	J	1k	1/16W	Metal Oxide	AA

DUNTK8898DE04
MAIN UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
R2029	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2030	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2031	VRS-CB1JF102J	J	1k	1/16W	Metal Oxide	AA
R2032	VRS-CB1JF223J	J	22k	1/16W	Metal Oxide	AA
R2033	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2034	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2035	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R2036	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2037	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R2038	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2039	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2040	VRS-CA1JF102J	J	1k	1/16W	Metal Oxide	AA
R2041	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R2044	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R2045	VRS-TV1JD153J	J	15k	1/10W	Metal Oxide	AA
R2046	VRS-TV1JD153J	J	15k	1/10W	Metal Oxide	AA
R2047	VRS-TV1JD683J	J	68k	1/10W	Metal Oxide	AA
R2048	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2049	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2050	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2051	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2054	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R2056	VRS-TV1JD392J	J	3.9k	1/10W	Metal Oxide	AA
R2057	VRN-TV1JD272D	J	2.7k	1/10W	Metal Film	AA
R2058	VRS-CB1JF102J	J	1k	1/16W	Metal Oxide	AA
R2059	VRS-CB1JF102J	J	1k	1/16W	Metal Oxide	AA
R2060	VRS-CA1JF102J	J	1k	1/16W	Metal Oxide	AA
R2061	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2062	VRS-CB1JF102J	J	1k	1/16W	Metal Oxide	AA
R2063	VRS-CB1JF102J	J	1k	1/16W	Metal Oxide	AA
R2064	VRS-CA1JF102J	J	1k	1/16W	Metal Oxide	AA
R2065	VRS-CA1JF102J	J	1k	1/16W	Metal Oxide	AA
R2076	VRS-TV1JD824J	J	820k	1/10W	Metal Oxide	AA
R2077	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2078	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2079	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2080	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2081	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2082	VRS-TV1JD221J	J	220	1/10W	Metal Oxide	AA
R2083	VRS-TV1JD821J	J	820	1/10W	Metal Oxide	AA
R2084	VRS-TV1JD821J	J	820	1/10W	Metal Oxide	AA
R2085	VRS-TV1JD221J	J	220	1/10W	Metal Oxide	AA
R2086	VRS-TV1JD821J	J	820	1/10W	Metal Oxide	AA
R2087	VRS-TV1JD221J	J	220	1/10W	Metal Oxide	AA
R2088	VRS-TV1JD221J	J	220	1/10W	Metal Oxide	AA
R2089	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2092	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R2093	VRS-TV1JD122J	J	1.2k	1/10W	Metal Oxide	AA
R2094	VRS-TX2HF181J	J	180	1/2W	Metal Oxide	AA
R2095	VRS-TX2HF181J	J	180	1/2W	Metal Oxide	AA
R2096	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2097	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R2098	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R2099	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2101	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R2102	VRS-TV1JD563J	J	56k	1/10W	Metal Oxide	AA
R2103	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2104	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2105	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R2106	VRS-TV1JD473J	J	47k	1/10W	Metal Oxide	AA
R2108	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2109	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R2110	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2111	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R2112	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2113	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R2114	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R2116	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2117	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2119	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2120	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2121	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R2123	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2125	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2127	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R2181	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2182	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2183	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2184	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2185	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2186	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2187	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2188	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2189	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2190	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2191	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2192	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2193	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2194	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2195	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2196	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2197	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2198	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2201	VRN-TV1JD472D	J	4.7k	1/10W	Metal Film	AA
R2202	VRN-TV1JD103D	J	10k	1/10W	Metal Film	AB
R2203	VRN-TV1JD562D	J	5.6k	1/10W	Metal Film	AA
R2204	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2205	VRS-TV1JD224J	J	220k	1/10W	Metal Oxide	AA
R2209	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2211	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2212	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R2601	VRS-TV1JD682J	J	6.8k	1/10W	Metal Oxide	AA
R2602	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R2603	VRS-TV1JD682J	J	6.8k	1/10W	Metal Oxide	AA
R2604	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R2605	VRS-TV1JD182J	J	1.8k	1/10W	Metal Oxide	AA
R5001	VRS-TV1JD561J	J	560	1/10W	Metal Oxide	AA
R5002	VRS-TV1JD561J	J	560	1/10W	Metal Oxide	AA
R5003	VRS-TV1JD561J	J	560	1/10W	Metal Oxide	AA
R5004	VRS-TV1JD561J	J	560	1/10W	Metal Oxide	AA
R5005	VRS-TV1JD561J	J	560	1/10W	Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code

DUNTK8898DE04
MAIN UNIT (Continued)

SWITCHES

S801	QSW-S0198CEZZ	J	AGC	AF
S2001	QSW-K0076CEZZ	J	ADJ	AB
S2002	QSW-K0076CEZZ	J	CALL	AB

MISCELLANEOUS PARTS

FB2001	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2002	RBLN-0060CEZZ	J	Ferrite Bead	AC
J901	QJAKE0008TAZZ	J	Jack, DC 12V Output	AE
J2001	QJAKJ0044CEZZ	J	Jack, Wired R/C Input	AF
P401	QPLGN1178GEZZ	J	Plug 11-pin (GH)	AC
P601	QPLGZ1068GEZZ	J	Plug 10-pin (TB)	AD
P801	QPLGZ1268GEZZ	J	Plug 12-pin (TA)	AD
P802	QPLGZ2228CEZZ	J	Plug 22-pin (CA)	AE
P1201	QPLGN0878GEZZ	J	Plug 8-pin (EA)	AC
P1202	QPLGN0378GEZZ	J	Plug 3-pin (D)	AB
P1203	QPLGN0478GEZZ	J	Plug 4-pin (EF)	AB
P1501	QPLGZ2628CEZZ	J	Plug 26-pin (MA)	AE
P1502	QPLGZ3028CEZZ	J	Plug 30-pin (MB)	AF
P2005	QPLGN0278GEZZ	J	Plug 2-pin (Q)	AA
P2006	QPLGN0280GEZZ	J	Plug 2-pin TP1	AB
P2007	QPLGN0578GEZZ	J	Plug 5-pin TP2	AB
SC801	QSOCZ0616CEZZ	J	Socket 6-pin	AD
SC1501	QSOCZ0519CEZZ	J	Socket 5-pin	AC
SC2001	QSOCN1038TAZZ	J	Socket 10-pin (KE)	AD
SC2002	QSOCZ6434GEZZ	J	Socket 64-pin for IC2001	AG
TP801	QLUGP0103GEFW	J	Lug, Test Point	AA
TP802	QLUGP0103GEFW	J	Lug, Test Point	AA
TP808	QLUGP0103GEFW	J	Lug, Test Point	AA
TP809	QLUGP0103GEFW	J	Lug, Test Point	AA
TP1504	QLUGP0103GEFW	J	Lug, Test Point	AA
TP1505	QLUGP0103GEFW	J	Lug, Test Point	AA
	LHLDZ1768CEZZ	J	Jack Holder	AC

Ref. No.	Part No.	★	Description	Code

DUNTK8900DE04
CONTROL UNIT

INTEGRATED CIRCUITS

IC1601	RH-iX2449CEZZ	J	LZ93BE6	AP
IC1603	VHiTHC4040AF1	J	TC74HC4040AF	AH
IC1604	VHiTCHC20F/-1	J	TC74HC20AF	AD
IC1605	VHiTC7S02F/-1	J	TC7S02F	AC
IC1606	VHiTCHC74F/-1	J	TC74HC74F	AE
IC1607	VHiTC7S08F/-1	J	TC7S08F	AC
IC1609	VHiNJM2107F-1	J	NJM2107F	AE
IC1610	VHiTC4W53F/-1	J	TC4W53F	AE
IC1611	RH-iX1453CEZZ	J	TC74HC164AF	AF
IC1612	VHiSC7S04F/-1	J	SC7S04F	AC
IC1614	VHiNJM2904M-1	J	NJM2904M	AE
IC1615	VHiNJ2233BM-1	S	NJM2233BM	AE
IC1617	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC1618	VHiSNHC00NS-1	J	SN74HC00NS	AC
IC1801	VHiMC14052F-1	J	MC14052BFR1	AE
IC1802	VHiMC14052F-1	J	MC14052BFR1	AE
IC1803	VHiMC14052F-1	J	MC14052BFR1	AE
IC1804	VHiTC4S01F/-1	J	TC4S01F	AC
IC1805	VHiNJM3415M-1	J	NJM3415M	AT
IC1806	VHiNJM3415M-1	J	NJM3415M	AT
IC1807	RH-iX1973CEZZ	J	SN74HC541NS	AG

TRANSISTORS

Q1607	VS2SC2412KQ-1	J	2SC2412	AA
Q1608	VSDTC144EK/-1	J	DTC144EK	AB
Q1609	VSDTC144EK/-1	J	DTC144EK	AB
Q1610	VS2SC2735//1E	J	2SC2735	AC
Q1611	VS2SC2412KQ-1	J	2SC2412	AA
Q1612	VS2SC2412KQ-1	J	2SC2412	AA
Q1614	VS2SC2412KQ-1	J	2SC2412	AA
Q1615	VS2SC2412KQ-1	J	2SC2412	AA
Q1616	VS2SC2412KQ-1	J	2SC2412	AA
Q1801	VSiMX2/////-1	J	iMX2	AB
Q1802	VSiMT2/////-1	J	iMT2	AB
Q1803	VSiMX2/////-1	J	iMX2	AB
Q1804	VSiMT2/////-1	J	iMT2	AB
Q1805	VSiMX2/////-1	J	iMX2	AB
Q1806	VSiMT2/////-1	J	iMT2	AB
Q1807	VSiMX2/////-1	J	iMX2	AB
Q1808	VSiMT2/////-1	J	iMT2	AB
Q1809	VSiMX2/////-1	J	iMX2	AB
Q1810	VSiMT2/////-1	J	iMT2	AB
Q1811	VSiMX2/////-1	J	iMX2	AB
Q1812	VSiMT2/////-1	J	iMT2	AB
Q1814	VSDTC144EK/-1	J	DTC144EK	AB

DIODES

D1602	VHD1SV217//-1	J	Diode 1SV217	AB
D1604	RH-EX0551CEZZ	J	Zener Diode	AB
D1605	VHDMA152WK/-1	J	Diode MA152WK	AA
D1606	RH-EX0227CEZZ	J	Zener Diode	AB

DUNTK8900DE04
CONTROL UNIT (Continued)

COILS

Ref. No.	Part No.	★	Description	Code
L1601	RCiLB0077CEZZ	J	Oscillation Coil	AL
L1602	VP-MK150K0000	J	Peaking 15µH	AB
L1603	VP-MK220K0000	J	Peaking 22µH	AB
L1604	VP-MK220K0000	J	Peaking 22µH	AB
L1801	RCiLP0168TAZZ	J	Coil	AF
L1802	RCiLP0168TAZZ	J	Coil	AF
L1803	VP-MK220K0000	J	Peaking 22µH	AB
L1804	VP-MK220K0000	J	Peaking 22µH	AB
L1805	VP-MK220K0000	J	Peaking 22µH	AB
L1806	VP-MK220K0000	J	Peaking 22µH	AB
L1807	VP-MK220K0000	J	Peaking 22µH	AB
L1808	VP-MK220K0000	J	Peaking 22µH	AB
L1809	VP-MK220K0000	J	Peaking 22µH	AB

CONTROLS

Ref. No.	Part No.	★			Code
R1603	RVR-M8003TAZZ	J	10k(B)	H-Center	AC
R1650	RVR-M8007TAZZ	J	47k(B)	Colour Shade	AC
R1885	RVR-M8000TAZZ	J	3.3k(B)	Comm. DC Bias-R	AB
R1889	RVR-M8000TAZZ	J	3.3k(B)	Comm. DC Bias-G	AB
R1893	RVR-M8000TAZZ	J	3.3k(B)	Comm. DC Bias-B	AB

CAPACITORS

Ref. No.	Part No.	★				Code
C1601	VCCCTV1HH391J	J	390p	50V	Ceramic	AA
C1602	VCEAGA1EW475M	J	4.7	25V	Electrolytic	AA
C1605	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1606	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1607	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1608	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1611	VCEAGA1CW476M	J	47	16V	Electrolytic	AB
C1612	VCQYTA1HM563J	J	0.056	50V	Mylar	AB
C1613	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1614	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1615	VCE9GA1EW106M	J	10	25V	Elect. (N.P)	AB
C1617	VCEAGA0JW476M	J	47	6.3V	Electrolytic	AB
C1618	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1619	VCCCTV1HH561J	J	560p	50V	Ceramic	AA
C1620	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1621	VCCCTV1HH151J	J	150p	50V	Ceramic	AA
C1622	VCCCTV1HH151J	J	150p	50V	Ceramic	AA
C1623	VCCCTV1HH561J	J	560p	50V	Ceramic	AA
C1624	VCCCTV1HH470J	J	47p	50V	Ceramic	AA
C1625	VCCCTV1HH100D	J	10p	50V	Ceramic	AA
C1626	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1627	VCCCTV1HH221J	J	220p	50V	Ceramic	AA
C1628	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C1630	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1631	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1632	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1633	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1634	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C1635	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C1636	VCQYTA1HM223J	J	0.022	50V	Mylar	AA
C1637	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1638	VCCCTV1HH221J	J	220p	50V	Ceramic	AA
C1639	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1644	VCCCTV1HH821J	J	820p	50V	Ceramic	AB
C1646	VCCCPA1HH120J	J	12p	50V	Ceramic	AA
C1803	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1804	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C1805	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1806	VCEAGA1AW107M	J	100	10V	Electrolytic	AB
C1807	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1808	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1809	VCEAGA1EW106M	J	10	25V	Electrolytic	AB
C1810	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1811	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C1812	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1813	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1814	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C1815	VCEAGA1AW107M	J	100	10V	Electrolytic	AB
C1817	VCEAGA1EW106M	J	10	25V	Electrolytic	AB
C1818	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1819	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1820	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C1822	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1823	VCEAGA1AW107M	J	100	10V	Electrolytic	AB
C1824	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1825	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C1826	VCEAGA1EW106M	J	10	25V	Electrolytic	AB
C1827	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1828	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C1829	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C1833	VCEAGA1CW227M	J	220	16V	Electrolytic	AC
C1835	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1841	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1843	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1844	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1846	VCE9GA1HW105M	J	1	50V	Elect. (N.P)	AB
C1848	VCE9GA1HW105M	J	1	50V	Elect. (N.P)	AB
C1849	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C1850	VCE9GA1HW105M	J	1	50V	Elect. (N.P)	AB
C1857	VCEAGA1CW477M	J	470	16V	Electrolytic	AC
C1859	VCEAGA1CW227M	J	220	16V	Electrolytic	AC
C1878	VCEAGA1CW476M	J	47	16V	Electrolytic	AB

RESISTORS

Ref. No.	Part No.	★				Code
R1603	*See Controls*					
R1605	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R1606	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R1607	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R1608	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R1609	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R1610	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1611	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R1612	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R1613	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R1614	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R1615	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA

DUNTK8900DE04
CONTROL UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
R1616	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R1617	VRS-TV1JD105J	J	1M	1/10W	Metal Oxide	AA
R1618	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R1619	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R1622	VRS-TV1JD222J	J	2.2k	1/10W	Metal Oxide	AA
R1625	VRS-TV1JD562J	J	5.6k	1/10W	Metal Oxide	AA
R1626	VRS-TV1JD562J	J	5.6k	1/10W	Metal Oxide	AA
R1627	VRS-TV1JD562J	J	5.6k	1/10W	Metal Oxide	AA
R1629	VRS-TX2HF121J	J	120	1/2W	Metal Oxide	AB
R1630	VRS-TX2HF121J	J	120	1/2W	Metal Oxide	AB
R1633	VRS-TV1JD561J	J	560	1/10W	Metal Oxide	AA
R1634	VRS-TV1JD561J	J	560	1/10W	Metal Oxide	AA
R1635	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R1637	VRS-TV1JD561J	J	560	1/10W	Metal Oxide	AA
R1638	VRS-TV1JD561J	J	560	1/10W	Metal Oxide	AA
R1640	VRS-TV1JD331J	J	330	1/10W	Metal Oxide	AA
R1647	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R1648	VRS-TV1JD562J	J	5.6k	1/10W	Metal Oxide	AA
R1649	VRS-TV1JD123J	J	12k	1/10W	Metal Oxide	AA
R1650	*See Controls*					
R1651	VRS-TV1JD823J	J	82k	1/10W	Metal Oxide	AA
R1652	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1653	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R1654	VRS-TV1JD273J	J	27k	1/10W	Metal Oxide	AA
R1655	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1656	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1657	VRS-TV1JD331J	J	330	1/10W	Metal Oxide	AA
R1658	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R1659	VRS-TV1JD331J	J	330	1/10W	Metal Oxide	AA
R1660	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R1661	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1662	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1663	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1664	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R1665	VRS-TV1JD683J	J	68k	1/10W	Metal Oxide	AA
R1666	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R1667	VRS-TV1JD473J	J	47k	1/10W	Metal Oxide	AA
R1668	VRS-TV1JD105J	J	1M	1/10W	Metal Oxide	AA
R1669	VRS-TV1JD183J	J	18k	1/10W	Metal Oxide	AA
R1670	VRS-TV1JD823J	J	82k	1/10W	Metal Oxide	AA
R1671	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R1672	VRS-TV1JD391J	J	390	1/10W	Metal Oxide	AA
R1673	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R1674	VRS-TV1JD332J	J	3.3k	1/10W	Metal Oxide	AA
R1675	VRS-TV1JD181J	J	180	1/10W	Metal Oxide	AA
R1676	VRS-TV1JD561J	J	560	1/10W	Metal Oxide	AA
R1677	VRS-TV1JD272J	J	2.7k	1/10W	Metal Oxide	AA
R1678	VRS-TV1JD682J	J	6.8k	1/10W	Metal Oxide	AA
R1679	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R1680	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R1681	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R1682	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R1683	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R1684	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R1688	VRS-TV1JD271J	J	270	1/10W	Metal Oxide	AA
R1689	VRS-TV1JD750J	J	75	1/10W	Metal Oxide	AA
R1690	VRS-TV1JD271J	J	270	1/10W	Metal Oxide	AA
R1691	VRS-TV1JD750J	J	75	1/10W	Metal Oxide	AA
R1692	VRS-TV1JD271J	J	270	1/10W	Metal Oxide	AA
R1693	VRS-TV1JD750J	J	75	1/10W	Metal Oxide	AA
R1695	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R1696	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1697	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1699	VRS-TV1JD151J	J	150	1/10W	Metal Oxide	AA
R1801	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1802	VRS-TV1JD6R8J	J	6.8	1/10W	Metal Oxide	AA
R1803	VRS-TV1JD6R8J	J	6.8	1/10W	Metal Oxide	AA
R1804	VRS-TV1JD6R8J	J	6.8	1/10W	Metal Oxide	AA
R1805	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R1806	VRS-TW2ED562J	J	5.6k	1/4W	Metal Oxide	AB
R1807	VRS-TX2HF100J	J	10	1/2W	Metal Oxide	AA
R1808	VRS-TW2ED222J	J	2.2k	1/4W	Metal Oxide	AA
R1809	VRS-TW2ED222J	J	2.2k	1/4W	Metal Oxide	AA
R1810	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1811	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1812	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA
R1813	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA
R1814	VRS-TW2ED5R6J	J	5.6	1/4W	Metal Oxide	AA
R1815	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1817	VRS-TW2ED222J	J	2.2k	1/4W	Metal Oxide	AA
R1818	VRS-TW2ED222J	J	2.2k	1/4W	Metal Oxide	AA
R1819	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1820	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1821	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA
R1822	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA
R1823	VRS-TW2ED5R6J	J	5.6	1/4W	Metal Oxide	AA
R1824	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1826	VRS-TW2ED222J	J	2.2k	1/4W	Metal Oxide	AA
R1827	VRS-TW2ED222J	J	2.2k	1/4W	Metal Oxide	AA
R1828	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1829	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1830	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA
R1831	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA
R1832	VRS-TW2ED5R6J	J	5.6	1/4W	Metal Oxide	AA
R1833	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1835	VRS-TW2ED222J	J	2.2k	1/4W	Metal Oxide	AA
R1836	VRS-TW2ED222J	J	2.2k	1/4W	Metal Oxide	AA
R1837	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1838	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1839	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA
R1840	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA
R1841	VRS-TW2ED5R6J	J	5.6	1/4W	Metal Oxide	AA
R1842	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1843	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1844	VRS-TW2ED222J	J	2.2k	1/4W	Metal Oxide	AA
R1845	VRS-TW2ED222J	J	2.2k	1/4W	Metal Oxide	AA
R1846	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1847	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1848	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA

DUNTK8900DE04

CONTROL UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
R1849	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA
R1850	VRS-TW2ED5R6J	J	5.6	1/4W	Metal Oxide	AA
R1851	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1852	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1853	VRS-TW2ED222J	J	2.2k	1/4W	Metal Oxide	AA
R1854	VRS-TW2ED222J	J	2.2k	1/4W	Metal Oxide	AA
R1855	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1856	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R1857	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA
R1858	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA
R1859	VRS-TW2ED5R6J	J	5.6	1/4W	Metal Oxide	AA
R1860	VRS-TX2HF100J	J	10	1/2W	Metal Oxide	AA
R1863	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R1865	VRS-TV1JD100J	J	10	1/10W	Metal Oxide	AA
R1866	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1867	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1868	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R1869	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R1870	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R1871	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R1872	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1873	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1874	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1875	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1876	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1877	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1878	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1879	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1880	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1881	VRS-TV1JD104J	J	100k	1/10W	Metal Oxide	AA
R1882	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1883	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1884	VRS-TV1JD822J	J	8.2k	1/10W	Metal Oxide	AA
R1885	*See Controls*					
R1886	VRS-TV1JD332J	J	3.3k	1/10W	Metal Oxide	AA
R1887	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1888	VRS-TV1JD822J	J	8.2k	1/10W	Metal Oxide	AA
R1889	*See Controls*					
R1890	VRS-TV1JD332J	J	3.3k	1/10W	Metal Oxide	AA
R1891	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1892	VRS-TV1JD822J	J	8.2k	1/10W	Metal Oxide	AA
R1893	*See Controls*					
R1894	VRS-TV1JD332J	J	3.3k	1/10W	Metal Oxide	AA
R1895	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R1896	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R1897	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R1898	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R1899	VRS-TV1JD822J	J	8.2k	1/10W	Metal Oxide	AA
R1914	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1917	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1918	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1922	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1923	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R1929	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA

SWITCH

S1601	QSW-K0065GEZZ	J	Mute Switch	AC

MISCELLANEOUS PARTS

FB1602	RBLN-0060CEZZ	J	Ferrite Bead	AC
P1301	QPLGN0578GEZZ	J	Plug 5-pin (AS)	AB
P1302	QPLGN0478GEZZ	J	Plug 4-pin (AZ)	AB
P1603	QPLGN0278GEZZ	J	Plug 2-pin TP3	AA
P1605	QPLGN0278GEZZ	J	Plug 2-pin (SV)	AA
P1604	QPLGN0778GEZZ	J	Plug 7-pin TP180*	AC
P1801	QPLGN0190FJZZ	J	Plug 24-pin (R)	AG
P1802	QPLGN0190FJZZ	J	Plug 24-pin (G)	AG
P1803	QPLGN0190FJZZ	J	Plug 24-pin (B)	AG
P2001	QPLGN1078GEZZ	J	Plug 10-pin (LE)	AC
P2003	QPLGN1178GEZZ	J	Plug 11-pin (LC)	AC
SC1601	QSOCZ2628CEZZ	J	Socket 26-pin (MA)	AF
SC1602	QSOCZ3028CEZZ	J	Socket 30-pin (MB)	AF
TP1601	QLUGP0110TAFW	J	Lug, Test Point	AA

DUNTK8965FE04
SCAN CONVERTER UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC4101	RH-iX2379CEZZ	J	iX2379CE	AY
IC4102	RH-iX2063CEZZ	J	UPD42102G-3	AV
IC4103	RH-iX0142TAZZ	J	UPC659G	AU
IC4104	VHiMB40778F-1	J	MB40778PF	AN
IC4105	VHiSC7S04F/-1	J	SC7S04F	AC
IC4106	VHiNJM2107F-1	J	NJM2107F	AE
IC4107	RH-iX2174CEZZ	J	MC74HC4538FR	AG
IC4108	VHiMC14577F-1	J	MC14577BF	AG
IC4109	VHiMC14577F-1	J	MC14577BF	AG
IC4110	VHiMC14577F-1	J	MC14577BF	AG
IC4111	VHiNJM2283F-1	J	NJM2283M	AF
IC4112	VHiPQ05TZ11-1	J	PQ05TZ11	AH

TRANSISTORS

Q4101	VS2SA1037KQ-1	J	2SA1037	AA
Q4102	VS2SC2412KQ-1	J	2SC2412	AA
Q4103	VS2SA1037KQ-1	J	2SA1037	AA
Q4104	VS2SC2412KQ-1	J	2SC2412	AA
Q4105	VS2SC2412KQ-1	J	2SC2412	AA
Q4106	VS2SA1037KQ-1	J	2SA1037	AA
Q4107	VS2SC2412KQ-1	J	2SC2412	AA
Q4108	VS2SC2412KQ-1	J	2SC2412	AA
Q4109	VS2SA1037KQ-1	J	2SA1037	AA
Q4110	VS2SC2412KQ-1	J	2SC2412	AA
Q4113	VS2SA1037KQ-1	J	2SA1037	AA
Q4114	VS2SA1037KQ-1	J	2SA1037	AA
Q4115	VS2SC2412KQ-1	J	2SC2412	AA

DIODES

D4101	VHDMA152WK/-1	J	Diode MA152WK	AA
D4102	VHD1SV217//-1	J	Diode 1SV217	AB

COILS

DL4101	RCiLF0135GEZZ	J	Coil, Delay Line	AL
DL4102	RCiLF0135GEZZ	J	Coil, Delay Line	AL
FL4101	RCiLF0214CEZZ	J	Coil, Filter	AF
L4101	RCiLB0065CEZZ	J	Coil, VCO2 Adj.	AG
L4102	VP-1M3R3JR93N	J	Peaking 3.3µH	AB
L4103	RCiLC0055CEZZ	J	Coil	AD

CAPACITORS

C4100	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4101	VCE9PF1CW106M	J	10	16V	Elect. (N.P)	AC
C4102	VCE9PF1CW106M	J	10	16V	Elect. (N.P)	AC
C4103	VCE9PF1CW106M	J	10	16V	Elect. (N.P)	AC
C4104	VCE9PF1CW106M	J	10	16V	Elect. (N.P)	AC
C4105	VCEAPH1CW106M	J	10	16V	Electrolytic	AB
C4106	VCE9PF1CW106M	J	10	16V	Elect. (N.P)	AC
C4107	VCE9PF1CW475M	J	4.7	16V	Elect. (N.P)	AC
C4108	VCEAPH1CW106M	J	10	16V	Electrolytic	AB
C4109	VCEAPH1HW225M	J	2.2	50V	Electrolytic	AB
C4110	VCEAPH1HW225M	J	2.2	50V	Electrolytic	AB
C4111	VCEAPH1HW225M	J	2.2	50V	Electrolytic	AB
C4112	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C4113	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4114	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4115	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4116	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C4117	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4118	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C4119	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C4120	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C4121	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4122	VCCCCY1EH561J	J	560p	25V	Ceramic	AA
C4123	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4124	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C4125	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4126	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4127	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C4128	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4129	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4130	VCEAPH1HW105M	J	1	50V	Electrolytic	AB
C4131	VCCCCY1EH561J	J	560p	25V	Ceramic	AA
C4132	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4133	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4134	VCEAPH1CW106M	J	10	16V	Electrolytic	AB
C4135	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C4136	VCEAPK1CN107M	J	100	16V	Electrolytic	AD
C4137	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C4138	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C4139	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4140	VCKYCY1EB103K	J	0.01	25V	Ceramic	AA
C4141	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4142	VCEAPH1CW106M	J	10	16V	Electrolytic	AB
C4143	VCEAPH1HW225M	J	2.2	50V	Electrolytic	AB
C4144	VCKYPA1HB102K	J	1000p	50V	Ceramic	AA
C4147	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB

RESISTORS

R4100	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R4101	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R4102	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R4103	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R4104	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R4106	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R4107	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R4108	VRS-CY1JF391J	J	390	1/16W	Metal Oxide	AA
R4109	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R4110	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R4111	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R4112	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R4113	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R4114	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4115	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4116	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4117	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4118	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R4119	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA

DUNTK8965FE04

SCAN CONVERTER UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
R4120	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R4121	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R4122	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4123	VRS-CY1JF122J	J	1.2k	1/16W	Metal Oxide	AA
R4124	VRS-CY1JF242J	J	2.4k	1/16W	Metal Oxide	AA
R4125	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R4126	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R4127	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R4128	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R4129	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R4130	VRS-CB1JF271J	J	270	1/16W	Metal Oxide	AC
R4131	VRS-CB1JF271J	J	270	1/16W	Metal Oxide	AC
R4132	VRS-CB1JF391J	J	390	1/16W	Metal Oxide	AC
R4133	VRS-CB1JF391J	J	390	1/16W	Metal Oxide	AC
R4134	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R4135	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R4136	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R4137	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R4138	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R4139	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R4140	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R4141	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R4143	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R4145	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4146	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4147	VRS-CY1JF391J	J	390	1/16W	Metal Oxide	AA
R4149	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R4150	VRS-CY1JF122J	J	1.2k	1/16W	Metal Oxide	AA
R4151	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R4152	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4153	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R4154	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R4155	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R4156	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4157	VRS-CY1JF563J	J	56k	1/16W	Metal Oxide	AA
R4158	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4159	VRS-CY1JF563J	J	56k	1/16W	Metal Oxide	AA
R4160	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R4161	VRS-CY1JF683J	J	68k	1/16W	Metal Oxide	AA
R4162	VRS-CY1JF105J	J	1M	1/16W	Metal Oxide	AA
R4163	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R4164	VRS-CY1JF683J	J	68k	1/16W	Metal Oxide	AA
R4165	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R4166	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R4167	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R4168	VRS-CY1JF105J	J	1M	1/16W	Metal Oxide	AA
R4169	VRS-CB1JF391J	J	390	1/16W	Metal Oxide	AC
R4170	VRS-CB1JF391J	J	390	1/16W	Metal Oxide	AC
R4171	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R4172	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R4173	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4174	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4175	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4176	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R4177	VRS-CY1JF333J	J	33k	1/16W	Metal Oxide	AA
R4178	VRS-CY1JF823J	J	82k	1/16W	Metal Oxide	AA
R4179	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R4180	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4181	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4182	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R4183	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R4184	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4185	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4187	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R4188	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R4189	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4190	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R4191	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R4192	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4193	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R4194	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R4195	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4196	VRS-CY1JF823J	J	82k	1/16W	Metal Oxide	AA
R4197	VRS-CY1JF683J	J	68k	1/16W	Metal Oxide	AA
R4201	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4202	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4203	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4205	VRS-TW2ED000J	J	0	1/4W	Metal Oxide	AB
R4206	VRS-TW2ED000J	J	0	1/4W	Metal Oxide	AB
R4207	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

FB4102	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB4103	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB4104	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB4106	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB4107	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB4108	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB4109	RBLN-0059CEZZ	J	Ferrite Bead	AB
SC4101	QSOCZ2228CEZZ	J	Socket 22-pin (CA)	AF
TP4101	QLUGP0110TAFW	J	Lug, Test Point	AA
TP4102	QLUGP0110TAFW	J	Lug, Test Point	AA
	QCNW-4383CEZZ	J	Connecting Cord	AE

DUNTK9014FE01
SHARPNESS CONTROL UNIT

INTEGRATED CIRCUIT

Ref. No.	Part No.	★	Description	Code
IC5801	VHiPA0030//-1	J	PA0030	AP

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q5801	VS2SC2412KQ-1	J	2SC2412	AA
Q5802	VS2SC2412KQ-1	J	2SC2412	AA
Q5803	VS2SC2412KQ-1	J	2SC2412	AA
Q5804	VS2SA1037KQ-1	J	SA1037	AA
Q5805	VS2SC2412KQ-1	J	2SC2412	AA
Q5806	VS2SC2412KQ-1	J	2SC2412	AA
Q5807	VS2SC2412KQ-1	J	2SC2412	AA
Q5808	VS2SC2412KQ-1	J	2SC2412	AA
Q5811	VS2SC2412KQ-1	J	2SC2412	AA
Q5812	VSiMX2/////-1	J	iMX2	AB
Q5813	VSiMT2/////-1	J	iMT2	AB
Q5814	VSiMX2/////-1	J	iMX2	AB
Q5815	VSiMT2/////-1	J	iMT2	AB

COILS

Ref. No.	Part No.	★	Description	Code
DL5801	RCiLZ0931CEZZ	J	Coil, Delay Line	AN
DL5802	RCiLZ0934CEZZ	J	Coil, Delay Line	AG
L5801	RCiLC0055CEZZ	J	Coil	AD
L5802	VP-1M100J1R6N	J	Peaking 10µH	AC
L5803	VP-1M100J1R6N	J	Peaking 10µH	AC
L5804	VP-1M330J4R2N	J	Peaking 33µH	AC
L5805	VP-1M120J1R9N	J	Peaking 12µH	AC

CAPACITORS

Ref. No.	Part No.	★				Code
C5801	VCEAPK1CN107M	J	100	16V	Electrolytic	AD
C5802	VCE9PF1CW106M	J	10	16V	Elect. (N.P)	AC
C5803	VCEAPK1CN107M	J	100	16V	Electrolytic	AD
C5804	VCCCTV1HH390J	J	39p	50V	Ceramic	AA
C5805	VCCCTV1HH151J	J	150p	50V	Ceramic	AA
C5806	VCCCTV1HH150J	J	15p	50V	Ceramic	AA
C5807	VCEAPH1CW106M	J	10	16V	Electrolytic	AB
C5808	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C5809	VCEAPK1CN107M	J	100	16V	Electrolytic	AD
C5810	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C5811	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C5812	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C5813	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C5814	VCEAPH1CW106M	J	10	16V	Electrolytic	AB
C5815	VCEAPH1HW105M	J	1.0	50V	Electrolytic	AB
C5817	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C5819	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C5820	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C5821	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C5822	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C5823	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C5824	VCE9PF1CW106M	J	10	16V	Elect. (N.P)	AC
C5825	VCCCTV1HH820J	J	82p	50V	Ceramic	AA
C5826	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C5827	VCE9PF1CW106M	J	10	16V	Elect. (N.P)	AC
C5828	VCCCTV1HH3R0C	J	3p	50V	Ceramic	AA
C5829	VCCCTV1HH220J	J	22p	50V	Ceramic	AA
C5832	VCCCTV1HH820J	J	82p	50V	Ceramic	AA
C5833	VCCCTV1HH390J	J	39p	50V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★				Code
R5801	VRS-TV1JD273J	J	27k	1/10W	Metal Oxide	AA
R5802	VRS-TV1JD823J	J	82k	1/10W	Metal Oxide	AA
R5803	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R5804	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R5805	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R5806	VRS-TV1JD392J	J	3.9k	1/10W	Metal Oxide	AA
R5807	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R5808	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R5809	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R5810	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R5811	VRS-TV1JD391J	J	390	1/10W	Metal Oxide	AA
R5812	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R5813	VRS-TV1JD221J	J	220	1/10W	Metal Oxide	AA
R5814	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R5816	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R5817	VRS-TV1JD821J	J	820	1/10W	Metal Oxide	AA
R5818	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R5819	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R5820	VRS-TV1JD272J	J	2.7k	1/10W	Metal Oxide	AA
R5821	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R5822	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R5823	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R5824	VRS-TV1JD682J	J	6.8k	1/10W	Metal Oxide	AA
R5825	VRS-TV1JD222J	J	2.2k	1/10W	Metal Oxide	AA
R5826	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R5827	VRS-TV1JD123J	J	12k	1/10W	Metal Oxide	AA
R5828	VRS-TV1JD123J	J	12k	1/10W	Metal Oxide	AA
R5829	VRS-TV1JD392J	J	3.9k	1/10W	Metal Oxide	AA
R5830	VRS-TV1JD562J	J	5.6k	1/10W	Metal Oxide	AA
R5831	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R5832	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R5833	VRS-TV1JD822J	J	8.2k	1/10W	Metal Oxide	AA
R5834	VRS-TV1JD222J	J	2.2k	1/10W	Metal Oxide	AA
R5835	VRS-TV1JD271J	J	270	1/10W	Metal Oxide	AA
R5836	VRS-TV1JD561J	J	560	1/10W	Metal Oxide	AA
R5837	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R5838	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R5839	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R5840	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R5841	VRS-TV1JD561J	J	560	1/10W	Metal Oxide	AA
R5843	VRS-TV1JD222J	J	2.2k	1/10W	Metal Oxide	AA
R5844	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R5845	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R5847	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R5848	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R5849	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R5850	VRS-TW2ED122J	J	1.2k	1/4W	Metal Oxide	AA
R5851	VRS-TW2ED122J	J	1.2k	1/4W	Metal Oxide	AA
R5852	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R5853	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA

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SHARPNESS CONTROL UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
R5854	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA
R5855	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R5856	VRS-TW2ED5R6J	J	5.6	1/4W	Metal Oxide	AA
R5857	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R5858	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R5859	VRS-TV1JD333J	J	33k	1/10W	Metal Oxide	AA
R5860	VRS-TW2ED122J	J	1.2k	1/4W	Metal Oxide	AA
R5861	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R5862	VRS-TW2ED122J	J	1.2k	1/4W	Metal Oxide	AA
R5863	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R5864	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA
R5865	VRS-TW2ED100J	J	10	1/4W	Metal Oxide	AA
R5866	VRS-TW2ED5R6J	J	5.6	1/4W	Metal Oxide	AA
R5867	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA

MISCELLANEOUS PARTS

P5801	QPLGN1178GEZZ	J	Plug 11-pin (GH)	AC

RUNTK0510CEZZ
INPUT UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC301	VHiNJM2245M-1	J	NJM2245M	AF
IC302	VHiNJM2245M-1	J	NJM2245M	AF
IC401	VHiNJM2245M-1	J	NJM2245M	AF
IC405	VHiNJM2245M-1	J	NJM2245M	AF
IC406	VHiNJM2233BM-1	J	NJM2233BM	AE
IC407	VHiNJM2245M-1	J	NJM2245M	AF

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q301	VS2SC2412KQ-1	J	2SC2412K	AA
Q401	VSDTC144EK/-1	J	DTC144EK	AB
Q402	VSDTC144EK/-1	J	DTC144EK	AB
Q403	VSDTC144EK/-1	J	DTC144EK	AB
Q407	VS2SC2412KQ-1	J	2SC2412K	AA
Q408	VS2SC2412KQ-1	J	2SC2412K	AA
Q409	VSDTC144EK/-1	J	DTC144EK	AB
Q413	VSDTC144EK/-1	J	DTC144EK	AB
Q423	VSDTC144EK/-1	J	DTC144EK	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D301	RH-EX0226CEZZ	J	Zener Diode	AB
D302	RH-EX0226CEZZ	J	Zener Diode	AB
D303	RH-EX0226CEZZ	J	Zener Diode	AB
D304	RH-EX0226CEZZ	J	Zener Diode	AB
D305	RH-EX0226CEZZ	J	Zener Diode	AB
D306	RH-EX0226CEZZ	J	Zener Diode	AB
D307	RH-EX0226CEZZ	J	Zener Diode	AB
D308	RH-EX0226CEZZ	J	Zener Diode	AB
D403	RH-EX0226CEZZ	J	Zener Diode	AB
D404	RH-EX0226CEZZ	J	Zener Diode	AB
D405	RH-EX0226CEZZ	J	Zener Diode	AB
D406	RH-EX0226CEZZ	J	Zener Diode	AB
D407	RH-EX0226CEZZ	J	Zener Diode	AB
D408	RH-EX0226CEZZ	J	Zener Diode	AB
D409	RH-EX0226CEZZ	J	Zener Diode	AB
D410	RH-EX0226CEZZ	J	Zener Diode	AB
D416	RH-EX0226CEZZ	J	Zener Diode	AB
D420	RH-EX0226CEZZ	J	Zener Diode	AB
D401	VHDMA153///-1	J	Diode, MA153	AB
D402	VHDMA153///-1	J	Diode, MA153	AB
D411	VHDMA153///-1	J	Diode, MA153	AB
D412	VHDMA153///-1	J	Diode, MA153	AB
D413	VHDMA153///-1	J	Diode, MA153	AB

CAPACITORS

Ref. No.	Part No.	★			Description	Code
C301	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C302	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C303	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C304	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C305	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C306	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C307	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C308	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C309	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C310	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C311	VCEAGA1CW476M	J	47	16V	Electrolytic	AB
C312	VCEAGA1CW476M	J	47	16V	Electrolytic	AB
C313	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C401	VCQYTA1HM104J	J	0.1	50V	Mylar	AA
C402	VCQYTA1HM104J	J	0.1	50V	Mylar	AA
C403	VCE9GA1CW106M	J	10	16V	Elect. (N.P)	AB
C404	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C405	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C406	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C410	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C411	VCCCTV1HH680J	J	68p	50V	Ceramic	AA
C415	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C416	VCCCTV1HH680J	J	68p	50V	Ceramic	AA
C417	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C418	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C419	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C420	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C422	VCCCTV1HH680J	J	68p	50V	Ceramic	AA
C423	VCCCTV1HH680J	J	68p	50V	Ceramic	AA
C424	VCQYTA1HM104J	J	0.1	50V	Mylar	AA
C425	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C426	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C427	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C428	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C439	VCQYTA1HM104J	J	0.1	50V	Mylar	AA
C440	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C443	VCEAGA1CW477M	J	470	16V	Electrolytic	AC
C452	VCE9GA1CW106M	J	10	16V	Elect. (N.P)	AB
C460	VCEAGA1HW105M	J	1	50V	Electrolytic	AC

RESISTORS

Ref. No.	Part No.	★			Description	Code
R301	VRS-TV1JD123J	J	12k	1/10W	Metal Oxide	AA
R302	VRS-TV1JD563J	J	56k	1/10W	Metal Oxide	AA
R303	VRS-TV1JD123J	J	12k	1/10W	Metal Oxide	AA
R304	VRS-TV1JD563J	J	56k	1/10W	Metal Oxide	AA
R305	VRS-TV1JD123J	J	12k	1/10W	Metal Oxide	AA
R306	VRS-TV1JD563J	J	56k	1/10W	Metal Oxide	AA
R307	VRS-TV1JD123J	J	12k	1/10W	Metal Oxide	AA
R308	VRS-TV1JD563J	J	56k	1/10W	Metal Oxide	AA
R309	VRS-TV1JD123J	J	12k	1/10W	Metal Oxide	AA
R310	VRS-TV1JD563J	J	56k	1/10W	Metal Oxide	AA
R311	VRS-TV1JD123J	J	12k	1/10W	Metal Oxide	AA
R312	VRS-TV1JD563J	J	56k	1/10W	Metal Oxide	AA
R313	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R314	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R315	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R316	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R317	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R318	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R319	VRS-TV1JD272J	J	2.7k	1/10W	Metal Oxide	AA

RUNTK0510CEZZ
INPUT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R320	VRS-TV1JD272J	J	2.7k 1/10W Metal Oxide	AA
R321	VRS-TV1JD152J	J	1.5k 1/10W Metal Oxide	AA
R322	VRS-TV1JD122J	J	1.2k 1/10W Metal Oxide	AA
R326	VRS-TV1JD681J	J	680 1/10W Metal Oxide	AA
R327	VRS-TV1JD105J	J	1M 1/10W Metal Oxide	AA
R329	VRS-TV1JD681J	J	680 1/10W Metal Oxide	AA
R330	VRS-TV1JD105J	J	1M 1/10W Metal Oxide	AA
R401	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA
R402	VRS-TV1JD750J	J	75 1/10W Metal Oxide	AA
R403	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA
R404	VRS-TV1JD750J	J	75 1/10W Metal Oxide	AA
R405	VRS-TV1JD182J	J	1.8k 1/10W Metal Oxide	AA
R406	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA
R407	VRS-TV1JD750J	J	75 1/10W Metal Oxide	AA
R408	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA
R409	VRS-TV1JD750J	J	75 1/10W Metal Oxide	AA
R410	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R411	VRS-TV1JD105J	J	1M 1/10W Metal Oxide	AA
R412	VRS-TV1JD681J	J	680 1/10W Metal Oxide	AA
R413	VRS-TV1JD681J	J	680 1/10W Metal Oxide	AA
R414	VRS-TV1JD750J	J	75 1/10W Metal Oxide	AA
R415	VRS-TV1JD750J	J	75 1/10W Metal Oxide	AA
R416	VRS-TV1JD122J	J	1.2k 1/10W Metal Oxide	AA
R417	VRS-TV1JD222J	J	2.2k 1/10W Metal Oxide	AA
R418	VRS-TV1JD000J	J	0 1/10W Metal Oxide	AA
R419	VRS-TV1JD750J	J	75 1/10W Metal Oxide	AA
R420	VRS-TV1JD000J	J	0 1/10W Metal Oxide	AA
R421	VRS-TV1JD750J	J	75 1/10W Metal Oxide	AA
R422	VRS-TV1JD000J	J	0 1/10W Metal Oxide	AA
R423	VRS-TV1JD750J	J	75 1/10W Metal Oxide	AA
R424	VRS-TV1JD223J	J	22k 1/10W Metal Oxide	AA
R425	VRS-TV1JD223J	J	22k 1/10W Metal Oxide	AA
R426	VRS-TV1JD472J	J	4.7k 1/10W Metal Oxide	AA
R427	VRS-TV1JD102J	J	1k 1/10W Metal Oxide	AA
R428	VRS-TV1JD223J	J	22k 1/10W Metal Oxide	AA
R429	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA
R431	VRS-TV1JD102J	J	1k 1/10W Metal Oxide	AA
R432	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA
R433	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA
R443	VRS-TX2HF331J	J	330 1/2W Metal Oxide	AB
R444	VRS-TV1JD102J	J	1k 1/10W Metal Oxide	AA
R445	VRS-TV1JD122J	J	1.2k 1/10W Metal Oxide	AA
R446	VRS-TV1JD122J	J	1.2k 1/10W Metal Oxide	AA
R447	VRS-TV1JD000J	J	0 1/10W Metal Oxide	AA
R448	VRS-TV1JD000J	J	0 1/10W Metal Oxide	AA
R466	VRS-TV1JD102J	J	1k 1/10W Metal Oxide	AA
R470	VRS-TV1JD472J	J	4.7k 1/10W Metal Oxide	AA
R471	VRS-TV1JD181J	J	180 1/10W Metal Oxide	AA
R472	VRS-TV1JD101J	J	100 1/10W Metal Oxide	AA

MISCELLANEOUS PARTS

J301	QJAKF0021CEZZ	J	Jack, Video 1 Audio In	AF
J302	QJAKF0021CEZZ	J	Jack, Video 2 Audio In	AF
J303	QJAKF0021CEZZ	J	Jack, Audio Monitor Out	AF
J304	QJAKE0043GEZZ	J	Jack, RGB Audio In	AD
J401	QSOCD0435CEZZ	J	Socket, S-Video	AF
J402	QSOCD0435CEZZ	J	Socket, S-Video	AF
J403	QTANZ0704CEZZ	J	BNC Connector x7	AX
SC401	QSOCZ1069GEZZ	J	Socket 10-pin (TB)	AD
SC402	QSOCZ1269GEZZ	J	Socket 12-pin (TA)	AD
SC403	QSOCZ1019CEZZ	J	Socket 10-pin (TC)	AC
SC404	QSOCZ0519CEZZ	J	Socket 5-pin (TD)	AC
	QCNW-4414CEZZ	J	Connecting Cord (K2)	AE

RUNTK0513CEZZ
AUDIO AMP./LED UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC304	VHiTDA7056A-1	J	TDA7056A	AP
IC2102	VHiNJM3415M-1	J	NJM3415	AT

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q307	VS2SC2412KQ-1	J	2SC2412	AA
Q2151	VS2SC2412KQ-1	J	2SC2412	AA
Q2153	VS2SC2412KQ-1	J	2SC2412	AA
Q2154	VS2SA1037KQ-1	J	2SA1037	AA
Q2155	VS2SC2412KQ-1	J	2SC2412	AA
Q2156	VS2SC3518K/3E	J	2SC3518	AE

DIODES

Ref. No.	Part No.	★	Description	Code
D2151	RH-EX0251CEZZ	J	Zener Diode	AB
D2153	RH-PX0175CEZZ	J	LED, Temp. Ind.	AB
D2154	RH-PX0267CEZZ	J	LED, Lamp Ind.	AB
D2155	RH-PX0267CEZZ	J	LED, Power Ind.	AB
D2156	VHDMA152WK/-1	J	Diode, MA152WK	AA
D2157	VHDMA152WK/-1	J	Diode, MA152WK	AA
D2158	RH-EX0676CEZZ	J	Zener Diode	AD

CAPACITORS

Ref. No.	Part No.	★				Code
C320	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C321	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C332	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C333	VCEAGA1CW477M	J	470	16V	Electrolytic	AC
C334	VCCCTV1HH471J	J	470p	50V	Ceramic	AA
C335	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C336	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C337	VCFYFA1HA474J	J	0.47	50V	Mylar	AC
C2151	VCEAGA1CW227M	J	220	16V	Electrolytic	AC
C2153	VCEAGA1CW226M	J	22	16V	Electrolytic	AB
C2154	VCEAGA1CW226M	J	22	16V	Electrolytic	AB
C2155	VCEAGA1CW227M	J	220	16V	Electrolytic	AC
C2156	VCEAGA1CW337M	J	330	16V	Electrolytic	AC
C2157	VCEAGA0JW107M	J	100	6.3V	Electrolytic	AB
C2158	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C2159	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C2160	VCEAGA1CW226M	J	22	16V	Electrolytic	AB

RESISTORS

Ref. No.	Part No.	★				Code
R343	VRS-TV1JD822J	J	8.2k	1/10W	Metal Oxide	AA
R344	VRS-TV1JD473J	J	47k	1/10W	Metal Oxide	AA
R345	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R346	VRS-TX2HF1R0J	J	1	1/2W	Metal Oxide	AA
R348	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R349	VRS-TX2HF8R2J	J	8.2	1/2W	Metal Oxide	AA
R350	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R351	VRS-TV1JD182J	J	1.8k	1/10W	Metal Oxide	AA
R352	VRS-TV1JD123J	J	12k	1/10W	Metal Oxide	AA
R353	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R2151	VRS-VV3LB150J	J	15	3W	Metal Oxide	AB
R2152	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R2153	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R2157	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R2158	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2159	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R2160	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R2161	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R2162	VRS-TV1JD220J	J	22	1/10W	Metal Oxide	AA
R2163	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R2164	VRS-TV1JD473J	J	47k	1/10W	Metal Oxide	AA
R2165	VRS-TV1JD473J	J	47k	1/10W	Metal Oxide	AA
R2166	VRS-TV1JD393J	J	39k	1/10W	Metal Oxide	AA
R2169	VRS-VV3DB560J	J	56	2W	Metal Oxide	AA
R2170	VRN-TV1JD562D	J	5.6k	1/10W	Metal Film	AA
R2171	VRN-TV1JD332D	J	3.3k	1/10W	Metal Film	AA
R2172	VRS-TV1JD273J	J	27k	1/10W	Metal Oxide	AA
R2173	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2174	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2175	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R2176	VRS-TW2ED151J	J	150	1/4W	Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB301	RBLN-0060CEZZ	J	Ferrite Bead	AC
P301	QPLGN0241CEZZ	J	Plug 2-pin (SP)	AA
P2151	QPLGN1078GEZZ	J	Plug 10-pin (LE)	AC
P2152	QPLGN0278GEZZ	J	Plug 2-pin (LL)	AA
P2153	QPLGN1178GEZZ	J	Plug 11-pin (LC)	AC
P2154	QPLGN0278GEZZ	J	Plug 2-pin (LF)	AA
P2155	QPLGN0341CEZZ	J	Plug 3-pin (FC)	AA
P2156	QPLGN0378GEZZ	J	Plug 3-pin (FS)	AB
RMC2151	RRMCU0196CEZZ	J	Remote Control Receiver	AM
S2151	QSW-P0577CEZZ	J	Power Switch	AE
	LHLDW1077GEZZ	J	Wire Holder, x2 used	AA
	LHLDZ1814CEZZ	J	LED Holder	AD
	QCNW-4417CEZZ	J	Connecting Cord (K1)	AD

RUNTK0515CEZZ
Y/C SEPARATOR UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC408	VHiNJ2233BM-1	J	NJM2233BM	AE
IC409	VHiNJ2233BM-1	J	NJM2233BM	AE
IC4001	VHiCXA1686M-1	J	CXA1686M	AT
IC4002	VHiPQ05TZ1U-1	J	PQ05TZ1U	AL
IC4003	VHiMC141625-1	J	MC141625AFU	BA

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q420	VS2SC2412KQ-1	J	2SC2412K	AA
Q422	VSDTC144EK/-1	J	DTC144EK	AB
Q4001	VS2SC2412KQ-1	J	2SC2412K	AA
Q4002	VS2SC2412KQ-1	J	2SC2412K	AA
Q4003	VS2SC2412KQ-1	J	2SC2412K	AA
Q4004	VS2SC2412KQ-1	J	2SC2412K	AA
Q4005	VS2SC2412KQ-1	J	2SC2412K	AA
Q4006	VS2SC2412KQ-1	J	2SC2412K	AA
Q4007	VS2SC2412KQ-1	J	2SC2412K	AA
Q4008	VS2SC2412KQ-1	J	2SC2412K	AA
Q4009	VS2SC2412KQ-1	J	2SC2412K	AA
Q4011	VS2SC2412KQ-1	J	2SC2412K	AA
Q4012	VS2SA1037KQ-1	J	2SA1037K	AA
Q4013	VS2SC2412KQ-1	J	2SC2412K	AA
Q4014	VS2SC2412KQ-1	J	2SC2412K	AA
Q4015	VS2SC2412KQ-1	J	2SC2412K	AA
Q4017	VS2SC2412KQ-1	J	2SC2412K	AA

DIODES

Ref. No.	Part No.	★	Description	Code
D4001	VHDMA152WK/-1	J	Diode MA152WK	AA
D4002	VHDMA153///-1	J	Diode MA153	AB

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X4001	RCRSB0216CEZZ	J	Crystal, 14.3 MHz	AH
X4002	RCRSB0089GEZZ	J	Crystal, 17.7 MHz	AG

COIL AND TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
CF402	RFiLC0286CEZZ	J	Ceramic Filter	AE
FL4001	RCiLC0274CEZZ	J	Low Pass Filter	AM
FL4002	RFiLN0050CEZZ	J	Filter	AB
FL4003	RCiLC0274CEZZ	J	Low Pass Filter	AM
FL4004	RFiLA0007CEZZ	J	Ceramic Filter	AE
L4001	VP-1M180K2R5N	J	Peaking 18μH	AC
L4002	VP-1M270K3R8N	J	Peaking 27μH	AC
L4003	RCiLP0175TAZZ	J	Choke Coil	AE
L4005	VP-1M330K4R2N	J	Peaking 33μH	AC
T403	RCiLi0512CEZZ	J	PAL Chroma Trap Coil	AE
T404	RCiLi0520CEZZ	J	SECAM Chroma Trap Coil	AE

CONTROLS

Ref. No.	Part No.	★	Description	Code
R4026	RVR-M7994TAZZ	J	330k	AB
R4042	RVR-M7997TAZZ	J	1k	AC

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C436	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C437	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C438	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C444	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C445	VCKYTV1EB103K	J	0.01	25V	Ceramic	AC
C447	VCCCTV1HH470J	J	47p	50V	Ceramic	AA
C450	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C451	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C457	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C4001	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C4002	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4003	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4004	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4005	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4006	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4007	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4008	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4009	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C4010	VCKYTV1HB102K	J	1000p	50V	Ceramic	AA
C4011	VCQYTA1HM473J	J	0.047	50V	Mylar	AA
C4012	VCEAGA1HW225M	J	2.2	50V	Electrolytic	AB
C4013	VCCCTV1HH120J	J	12p	50V	Ceramic	AA
C4014	VCCCTV1HH120J	J	12p	50V	Ceramic	AA
C4015	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C4016	VCKYTV1HB102K	J	1000p	50V	Ceramic	AA
C4017	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4018	VCQYTA1HM473J	J	0.047	50V	Mylar	AA
C4019	VCQYTA1HM104J	J	0.1	50V	Mylar	AA
C4020	VCKYTV1HB472K	J	4700p	50V	Ceramic	AA
C4021	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4022	VCCCTV1HH150J	J	15p	50V	Ceramic	AA
C4023	VCCCTV1HH470J	J	47p	50V	Ceramic	AA
C4024	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C4025	VCCCTV1HH101J	J	100p	50V	Ceramic	AA
C4026	RTO-H1039GEZZ	J	Trimmer Capacitor			AC
C4027	RTO-H1039GEZZ	J	Trimmer Capacitor			AC
C4028	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4029	VCCCTV1HH220J	J	22p	50V	Ceramic	AA
C4033	VCEAGA1HW105M	J	1	50V	Electrolytic	AC
C4034	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C4035	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4036	VCEAGA1AW476M	J	47	10V	Electrolytic	AA
C4037	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C4038	VCEAGA1CW476M	J	47	16V	Electrolytic	AB
C4039	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4040	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C4041	VCCCTV1HH270J	J	27p	50V	Ceramic	AA
C4042	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4043	VCEAGA1AW476M	J	47	10V	Electrolytic	AA
C4044	VCCCTV1HH270J	J	27p	50V	Ceramic	AA
C4045	VCCCTV1HH270J	J	27p	50V	Ceramic	AA
C4046	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4047	VCEAGA1AW476M	J	47	10V	Electrolytic	AA
C4048	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4049	VCEAGA1CW106M	J	10	16V	Electrolytic	AA

RUNTK0515CEZZ

Y/C SEPARATOR UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C4050	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4051	VCEAGA1CW106M	J	10	16V	Electrolytic	AA
C4052	VCKYTV1HF473Z	J	0.047	50V	Ceramic	AB
C4053	VCKYTV1HF104Z	J	0.1	50V	Ceramic	AA
C4054	VCEAGA1AW476M	J	47	10V	Electrolytic	AA
C4055	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4070	VCEAGA1HW225M	J	2.2	50V	Electrolytic	AB
C4072	VCKYTV1EF104Z	J	0.1	25V	Ceramic	AB
C4073	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C4076	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C4077	VCEAGA1HW105M	J	1	50V	Electrolytic	AC
C4078	VCKYTV1HB103K	J	0.01	50V	Ceramic	AA
C4079	VCKYTV1HF104Z	J	0.1	50V	Ceramic	AA
C4080	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C4085	VCCCTV1HH120J	J	12p	50V	Ceramic	AA
C4086	VCQYTA1HM104J	J	0.1	50V	Mylar	AA
C4087	VCCCTV1HH330J	J	33p	50V	Ceramic	AA
C4088	VCCCTV1HH390J	J	39p	50V	Ceramic	AA
C4089	VCQYTA1HM104J	J	0.1	50V	Mylar	AA
C4090	VCQYTA1HM104J	J	0.1	50V	Mylar	AA

RESISTORS

R475	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R476	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R478	VRS-TV1JD821J	J	820	1/10W	Metal Oxide	AA
R479	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R480	VRS-TV1JD221J	J	220	1/10W	Metal Oxide	AA
R481	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R482	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R483	VRS-TV1JD151J	J	150	1/10W	Metal Oxide	AA
R484	VRS-TV1JD271J	J	270	1/10W	Metal Oxide	AA
R485	VRS-TV1JD223J	J	22k	1/10W	Metal Oxide	AA
R487	VRS-TV1JD182J	J	1.8k	1/10W	Metal Oxide	AA
R4001	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R4002	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R4003	VRS-TV1JD822J	J	8.2k	1/10W	Metal Oxide	AA
R4004	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R4005	VRS-TV1JD682J	J	6.8k	1/10W	Metal Oxide	AA
R4006	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R4007	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R4008	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R4009	VRS-TV1JD182J	J	1.8k	1/10W	Metal Oxide	AA
R4010	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R4011	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R4012	VRS-TV1JD471J	J	470	1/10W	Metal Oxide	AA
R4013	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R4014	VRS-TV1JD472J	J	4.7k	1/10W	Metal Oxide	AA
R4015	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R4016	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R4017	VRS-TV1JD224J	J	220k	1/10W	Metal Oxide	AA
R4018	VRS-TV1JD222J	J	2.2k	1/10W	Metal Oxide	AA
R4019	VRS-TV1JD221J	J	220	1/10W	Metal Oxide	AA
R4020	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R4021	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R4022	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R4023	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R4024	VRS-TV1JD822J	J	8.2k	1/10W	Metal Oxide	AA
R4025	VRS-TV1JD331J	J	330	1/10W	Metal Oxide	AA
R4026	*See Controls*					
R4027	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R4028	VRS-TV1JD222J	J	2.2k	1/10W	Metal Oxide	AA
R4029	VRS-TV1JD391J	J	390	1/10W	Metal Oxide	AA
R4030	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R4031	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R4032	VRS-TV1JD332J	J	3.3k	1/10W	Metal Oxide	AA
R4033	VRS-TV1JD391J	J	390	1/10W	Metal Oxide	AA
R4034	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R4035	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R4036	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R4037	VRS-TV1JD000J	J	0	1/10W	Metal Oxide	AA
R4038	VRS-TV1JD152J	J	1.5k	1/10W	Metal Oxide	AA
R4039	VRS-TV1JD391J	J	390	1/10W	Metal Oxide	AA
R4040	VRS-TV1JD391J	J	390	1/10W	Metal Oxide	AA
R4041	VRS-TV1JD182J	J	1.8k	1/10W	Metal Oxide	AA
R4042	*See Controls*					
R4043	VRS-TV1JD122J	J	1.2k	1/10W	Metal Oxide	AA
R4044	VRS-TV1JD122J	J	1.2k	1/10W	Metal Oxide	AA
R4045	VRS-TV1JD151J	J	150	1/10W	Metal Oxide	AA
R4046	VRS-TV1JD273J	J	27k	1/10W	Metal Oxide	AA
R4047	VRS-TV1JD822J	J	8.2k	1/10W	Metal Oxide	AA
R4048	VRS-TV1JD102J	J	1k	1/10W	Metal Oxide	AA
R4049	VRS-TV1JD103J	J	10k	1/10W	Metal Oxide	AA
R4050	VRS-TV1JD152J	J	1.5k	1/10W	Metal Oxide	AA
R4051	VRS-TV1JD684J	J	680k	1/10W	Metal Oxide	AA
R4061	VRS-TV1JD101J	J	100	1/10W	Metal Oxide	AA
R4062	VRS-TV1JD273J	J	27k	1/10W	Metal Oxide	AA
R4063	VRS-TV1JD183J	J	18k	1/10W	Metal Oxide	AA
R4065	VRS-TV1JD221J	J	220	1/10W	Metal Oxide	AA
R4066	VRS-TV1JD470J	J	47	1/10W	Metal Oxide	AA
R4099	VRS-TV1JD270J	J	27	1/10W	Metal Oxide	AA

MISCELLANEOUS PARTS

TP1	QPLGN0380GEZZ	J	Plug 3-pin	AB
TP401	QLUGP0110TAFW	J	Lug, Test Point	AA
TP4004	QLUGP0110TAFW	J	Lug, Test Point	AA
TP4005	QLUGP0110TAFW	J	Lug, Test Point	AA
P404	QPLGZ0516CEZZ	J	Plug 5-pin (TD)	AC
P403	QPLGZ1016CEZZ	J	Plug 10-pin (TC)	AD
FB4001	RBLN-0060CEZZ	J	Ferrite Bead	AC
FB4002	RBLN-0060CEZZ	J	Ferrite Bead	AC
FB4003	RBLN-0060CEZZ	J	Ferrite Bead	AC
FB4004	RBLN-0060CEZZ	J	Ferrite Bead	AC
FB4005	RBLN-0060CEZZ	J	Ferrite Bead	AC
FB4006	RBLN-0060CEZZ	J	Ferrite Bead	AC
FB4007	RBLN-0063CEZZ	J	Ferrite Bead	AC
	LHLDF1124CEZZ	J	PWB Holder, X3 used	AD

RDENC0169CEZZ
POWER UNIT

Ref. No.	Part No.	★	Description	Code
INTEGRATED CIRCUITS				
⚠ IC701	9FJ0F09010030	J	MA2820	AU
⚠ IC702	9FJ0F09010030	J	MA2820	AU
IC704	9FJ0F01110285	J	TA76431S	AG
IC705	9FJ0F01110285	J	TA76431S	AG
TRANSISTORS				
TR702	9FJ0Q02001071	J	2SC2785	AD
TR703	9FJ0Q02001071	J	2SC2785	AD
TR706	9FJ0Q00010180	J	2SA1567	AL
TR707	9FJ0Q02001071	J	2SC2785	AD
TR708	9FJ0Q02001071	J	2SC2785	AD
TR709	9FJ0Q02001071	J	2SC2785	AD
DIODES				
D701	9FJ0D00000085	J	Diode	AC
D702	9FJ0D00000085	J	Diode	AC
D703	9FJ0D00000085	J	Diode	AC
D704	9FJ0D01001515	J	Diode	AD
D705	9FJ0D04001020	J	Diode	AH
D706	9FJ0D23010022	J	Diode	AH
D707	9FJ0D23010022	J	Diode	AH
D708	9FJ0D02010000	J	Diode	AF
D709	9FJ0D01001515	J	Diode	AD
D710	9FJ0D00000085	J	Diode	AC
D711	9FJ0D00000085	J	Diode	AC
D712	9FJ0D00000085	J	Diode	AC
⚠ DB701	9FJ0D14010070	J	Bridge Diode D10XB60	AN
⚠ ZD701	9FJ0D31181625	J	Zener Diode RD10JS	AD
ZD702	9FJ0D31181655	J	Zener Diode RD15JS	AD
ZD703	9FJ0D31110125	J	Zener Diode RD5.1JS	AD
ZD704	9FJ0D31110125	J	Zener Diode RD5.1JS	AD
PACKAGED CIRCUITS				
⚠ NR701	9FJ0F20010090	J	ZNR Transient/Surge Absorbers	AG
⚠ PC701	9FJ0F10010931	J	Photo Coupler TLP721	AG
⚠ PC702	9FJ0F10010931	J	Photo Coupler TLP721	AG
PC703	9FJ0F10010670	J	Photo Coupler TLP621	AG
⚠ PC704	9FJ0F10010931	J	Photo Coupler TLP721	AG
⚠ PC705	9FJ0F10010460	J	Photo Triac Coupler S21ME3	AM
COIL AND TRANSFORMERS				
⚠ L701	9FJ0L05901080	J	Inductor 2mH	AQ
L703	9FJ0L08001440	J	Inductor 5.6µH	AG
L704	9FJ0L08001440	J	Inductor 5.6µH	AG
L705	9FJ0L08001440	J	Inductor 5.6µH	AG
L706	9FJ0L08001440	J	Inductor 5.6µH	AG
L707	9FJ0L08010145	J	Inductor 8.2µH	AD
L708	9FJ0L08010150	J	Inductor CM05RB02	AK
⚠ T701	9FJ0L00010100	J	Trans. 050100	AR
⚠ T702	9FJ0L00010110	J	Trans. 050101	AR
CONTROLS				
VR701	9FJ0R60001245	J	500 6.5V Adj.	AE
VR702	9FJ0R60001255	J	1k 13V Adj.	AE
CAPACITORS				
⚠ C701	9FJ0C34010663	J	0.47 250V M. Polyester	AK
⚠ C702	9FJ0C34010663	J	0.47 250V M. Polyester	AK
C703	9FJ0C51000020	J	2200p 250V Ceramic	AE
C704	9FJ0C51000020	J	2200p 250V Ceramic	AE
C705	9FJ0C51000020	J	2200p 250V Ceramic	AE
⚠ C706	9FJ0C02810593	J	470 400V Electrolytic	AY
⚠ C707	9FJ0C02810593	J	470 400V Electrolytic	AY
C709	9FJ0C32410080	J	0.022 400V M. Polyester	AE
C710	9FJ0C12001305	J	0.022 50V Polyester Film	AD
C711	9FJ0C12001015	J	0.01 50V Polyester Film	AD
C712	9FJ0C12001015	J	0.01 50V Polyester Film	AD
C713	9FJ0C32410080	J	0.022 400V M. Polyester	AE
C714	9FJ0C12001305	J	0.022 50V Polyester Film	AD
C715	9FJ0C12001015	J	0.01 50V Polyester Film	AD
C716	9FJ0C12001015	J	0.01 50V Polyester Film	AD
C717	9FJ0C01402025	J	470 35V Electrolytic	AG
C718	9FJ0C12001005	J	1000p 50V Polyester Film	AD
C719	9FJ0C01401675	J	330 35V Electrolytic	AF
C720	9FJ0C50011295	J	0.01 250V Ceramic	AE
C721	9FJ0C50011295	J	0.01 250V Ceramic	AE
C722	9FJ0C01110123	J	1000 10V Electrolytic	AE
C723	9FJ0C01410113	J	1000 35V Electrolytic	AK
C724	9FJ0C01401595	J	220 35V Electrolytic	AF
C726	9FJ0C12001015	J	0.01 50V Polyester Film	AD
C727	9FJ0C01202325	J	220 16V Electrolytic	AE
C728	9FJ0C50002185	J	0.1 50V Polyester Film	AD
C730	9FJ0C50002185	J	0.1 50V Polyester Film	AD
C731	9FJ0C01510525	J	47 50V Electrolytic	AD
C732	9FJ0C50011295	J	0.01 250V Ceramic	AE
C733	9FJ0C01410113	J	1000 35V Electrolytic	AK
C735	9FJ0C12001015	J	0.01 50V Polyester Film	AD
C736	9FJ0C01401595	J	220 35V Electrolytic	AD
C737	9FJ0C50002185	J	0.1 50V Polyester Film	AD
C739	9FJ0C01402025	J	470 35V Electrolytic	AG
C740	9FJ0C01510515	J	220 50V Electrolytic	AF
C741	9FJ0C01401985	J	100 35V Electrolytic	AE
C742	9FJ0C01510525	J	47 50V Electrolytic	AD
⚠ C743	9FJ0C51000020	J	2200p 250V Ceramic	AE
⚠ C744	9FJ0C51000020	J	2200p 250V Ceramic	AE
C745	9FJ0C01401985	J	100 35V Electrolytic	AE
C746	9FJ0C50010760	J	470p 1kV Ceramic	AE
C747	9FJ0C50010760	J	470p 1kV Ceramic	AE
C749	9FJ0C12001015	J	0.01 50V Polyester Film	AD
C750	9FJ0C12001015	J	0.01 50V Polyester Film	AD

RDENC0169CEZZ
POWER UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
C751	9FJ0C12001015	J	0.01 50V Polyester Film	AD
C752	9FJ0C12001015	J	0.01 50V Polyester Film	AD
C753	9FJ0C32310130	J	0.047 250V M. Polyester	AE
⚠ C754	9FJ0C51000020	J	2200p 250V Ceramic	AE
⚠ C755	9FJ0C51000020	J	2200p 250V Ceramic	AE
C756	9FJ0C50011295	J	0.01 250V Ceramic	AE
C757	9FJ0C50011295	J	0.01 250V Ceramic	AE
C758	9FJ0C50011295	J	0.01 250V Ceramic	AE
C760	9FJ0C01510535	J	1 50V Electrolytic	AD

RESISTORS

⚠ R701	9FJ0R11002045	J	220k 1W Special	AD
R702	9FJ0R22110310	J	10 5W Cement	AG
R703	9FJ0R70000034	J	10 5W 130°C Cement	AK
⚠ R704	9FJ0R12002061	J	330k 2W Special	AD
⚠ R705	9FJ0R12002061	J	330k 2W Special	AD
R706	9FJ0R00101135	J	4.7k 1/6W Carbon	AB
R707	9FJ0R00101135	J	4.7k 1/6W Carbon	AB
R708	9FJ0R17071251	J	15k 2W Metal Oxide	AD
R709	9FJ0R17071251	J	15k 2W Metal Oxide	AD
R710	9FJ0R02103645	J	560k 1/2W Carbon	AC
R711	9FJ0R02103645	J	560k 1/2W Carbon	AC
R712	9FJ0R17070731	J	100 2W Metal Oxide	AD
R713	9FJ0R16080555	J	18 1W Metal Oxide	AD
R714	9FJ0R00100695	J	68 1/6W Carbon	AB
R715	9FJ0R17071251	J	15k 2W Metal Oxide	AD
R716	9FJ0R17071251	J	15k 2W Metal Oxide	AD
R717	9FJ0R02103645	J	560k 1/2W Carbon	AC
R718	9FJ0R02103645	J	560k 1/2W Carbon	AC
R719	9FJ0R16010035	J	82k 1W Metal Oxide	AC
R720	9FJ0R16010035	J	82k 1W Metal Oxide	AC
R721	9FJ0R17070651	J	47 2W Metal Oxide	AD
R722	9FJ0R16080615	J	33 1W Metal Oxide	AD
R724	9FJ0R02103565	J	120k 1/2W Carbon	AC
R725	9FJ0R02103565	J	120k 1/2W Carbon	AC
R727	9FJ0R00100935	J	680 1/4W Carbon	AB
R728	9FJ0R02103335	J	1.5k 1/2W Carbon	AC
R729	9FJ0R00101215	J	10k 1/6W Carbon	AB
R730	9FJ0R02103315	J	1k 1/2W Carbon	AC
R732	9FJ0R00101135	J	4.7k 1/6W Carbon	AB
R733	9FJ0R00101075	J	2.7k 1/6W Carbon	AB
R734	9FJ0R00100895	J	470 1/6W Carbon	AB
R735	9FJ0R00100495	J	10 1/6W Carbon	AB
R736	9FJ0R00100975	J	1k 1/6W Carbon	AB
R737	9FJ0R00101055	J	2.2k 1/4W Carbon	AB
R738	9FJ0R00100815	J	220 1/6W Carbon	AB
R739	9FJ0R00101215	J	10k 1/6W Carbon	AB
R740	9FJ0R00101215	J	10k 1/6W Carbon	AB
R741	9FJ0R00101055	J	2.2k 1/6W Carbon	AB
R742	9FJ0R17070351	J	2.7 2W Metal Oxide	AD
R743	9FJ0R00101035	J	1.8k 1/6W Carbon	AB
R744	9FJ0R00101135	J	4.7k 1/6W Carbon	AB
⚠ R745	9FJ0R31110025	J	8.2M 1/2W Coat-Insulated Fixed Anti-Surge	AD
⚠ R746	9FJ0R31110025	J	8.2M 1/2W Coat-Insulated Fixed Anti-Surge	AD
R747	9FJ0R00100815	J	220 1/6W Carbon	AB
R748	9FJ0R00101215	J	10k 1/6W Carbon	AB
R749	9FJ0R00101135	J	4.7k 1/6W Carbon	AB
R750	9FJ0R00101135	J	4.7k 1/6W Carbon	AB
R751	9FJ0R17070651	J	47 2W Metal Oxide	AD
R752	9FJ0R17070651	J	47 2W Metal Oxide	AD
R754	9FJ0R17071251	J	15k 2W Metal Oxide	AD
R755	9FJ0R17071251	J	15k 2W Metal Oxide	AD
R756	9FJ0R16080735	J	100 1W Metal Oxide	AD
R757	9FJ0R16080735	J	100 1W Metal Oxide	AD
R758	9FJ0R16080615	J	33 1W Metal Oxide	AD
R759	9FJ0R17070351	J	2.7 2W Metal Oxide	AD
R760	9FJ0R16010035	J	82k 1W Metal Oxide	AC
R761	9FJ0R00101215	J	10k 1/6W Carbon	AB
R762	9FJ0R00101215	J	10k 1/6W Carbon	AB
R763	9FJ0R00100735	J	100 1/6W Carbon	AB
R764	9FJ0R00100655	J	47 1/6W Carbon	AB
R765	9FJ0R17070251	J	1 2W Metal Oxide	AD

SWITCH

⚠ SW701	9FJ0H01010060	J	Main Power Switch	AP

MISCELLANEOUS PARTS

⚠ F701	9FJ0E01910320	J	Fuse, T6.3A 250V	AH
⚠ RY701	9FJ0H11510410	J	Relay, AC120V/DC12V	AR
	9FJ0G10001750	J	Connector 3-pin (PE)	AE
	9FJ0G10011600	J	Connector 2-pin (BA)	AD
	9FJ0G10002710	J	Connector 2-pin (PC)	AD
	9FJ0G10001640	J	Connector 2-pin (PS)	AD
	9FJ0G10001750	J	Connector 3-pin (PL)	AE
	9FJ0G10011570	J	Connector 8-pin (EA)	AF
	9FJ0G10011580	J	Connector 4-pin (EF)	AE

RDENC0177CEZZ
BALLAST UNIT

ASSEMBLY UNIT

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

Ref. No.	Part No.	★	Description	Code
⚠ SUBPC	9FJ0G00010400	J	Sub-Unit, CP-022	BA

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
⚠ Q1701	9FJ0Q11001442	J	2SK2057	AW
Q1702	9FJ0Q02001351	J	2SC3328Y	AG
Q1703	9FJ0Q02001071	J	2SC2785	AD

DIODES

Ref. No.	Part No.	★	Description	Code
D1702	9FJ0D01001515	J	Diode EG01Z	AD
D1703	9FJ0D26010080	J	Diode FMG36S	AL
D1704	9FJ0D01001515	J	Diode EG01Z	AD

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
⚠ PC1701	9FJ0F10010931	J	Photo Coupler TLP721	AG
⚠ PC1702	9FJ0F10010931	J	Photo Coupler TLP721	AG
⚠ SCR1701	9FJ0D30910020	J	SCR K1V22W	AQ

COIL AND TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ L1701	9FJ0L08110010	J	Inductor	AR
L1704	9FJ0L08001430	J	Inductor	AF
⚠ L1707	9FJ0L05010510	J	Inductor 15mH	AU
⚠ T1701	9FJ0L01501000	J	Trans. 150100	AN
⚠ T1702	9FJ0B00010080	J	Igunaiter SMI-SZ-01B	BQ

CAPACITORS

Ref. No.	Part No.	★				Code
C1701	9FJ0C50010760	J	470p	2kV	Ceramic	AE
C1702	9FJ0C12001035	J	0.1	50V	Polyester Film	AD
C1703	9FJ0C32410040	J	2.2	400V	M. Polyester	AN
C1704	9FJ0C32401070	J	0.1	400V	M. Polyester	AF
C1706	9FJ0C50010760	J	470p	2kV	Ceramic	AE
C1707	9FJ0C02801413	J	220	400V	Electrolytic	AV
C1711	9FJ0C51000020	J	2200p	250V	Ceramic	AE
C1712	9FJ0C51000020	J	2200p	250V	Ceramic	AE
C1713	9FJ0C32410080	J	0.022	400V	M. Polyester	AE
C1714	9FJ0C32410080	J	0.022	400V	M. Polyester	AE
⚠ C1715	9FJ0C32410070	J	0.1	400V	M. Polyester	AF
C1751	9FJ0C12001015	J	0.01	50V	Polyester Film	AD
C1800	9FJ0C50002185	J	0.1	50V	Polyester Film	AD
C1801	9FJ0C50002185	J	0.1	50V	Polyester Film	AD
C1802	9FJ0C50010725	J	1000p	1kV	Ceramic	AD

RESISTORS

Ref. No.	Part No.	★				Code
R1701	9FJ0R22001250	J	0.33	5W	Cement	AF
R1702	9FJ0R17070571	J	22	2W	Metal Oxide	AD
R1703	9FJ0R11002055	J	270k	1W	Special	AD
R1704	9FJ0R11002045	J	220k	1W	Special	AD
R1705	9FJ0R22104184	J	12k	5W	Cement	AG
R1706	9FJ0R15080655	J	47	1/2W	Metal Oxide	AC
R1707	9FJ0R17070841	J	300	2W	Metal Oxide	AD
R1708	9FJ0R17070841	J	300	2W	Metal Oxide	AD
R1709	9FJ0R00100615	J	33	1/6W	Carbon	AB
R1710	9FJ0R00101335	J	33k	1/6W	Carbon	AB
⚠ R1711	9FJ0R22110044	J	0.18	5W	Cement	AF
⚠ R1712	9FJ0R22110044	J	0.18	5W	Cement	AF
⚠ R1713	9FJ0R12002061	J	330k	2W	Coat-Insulated High Megohm Fixed Resistor	AD
R1715	9FJ0R15080975	J	1k	1/2W	Metal Oxide	AC
R1716	9FJ0R17070411	J	4.7	2W	Metal Oxide	AD
R1717	9FJ0R22110320	J	1	5W	Metal Oxide	AF
R1756	9FJ0R00100855	J	330	1/6W	Carbon	AB

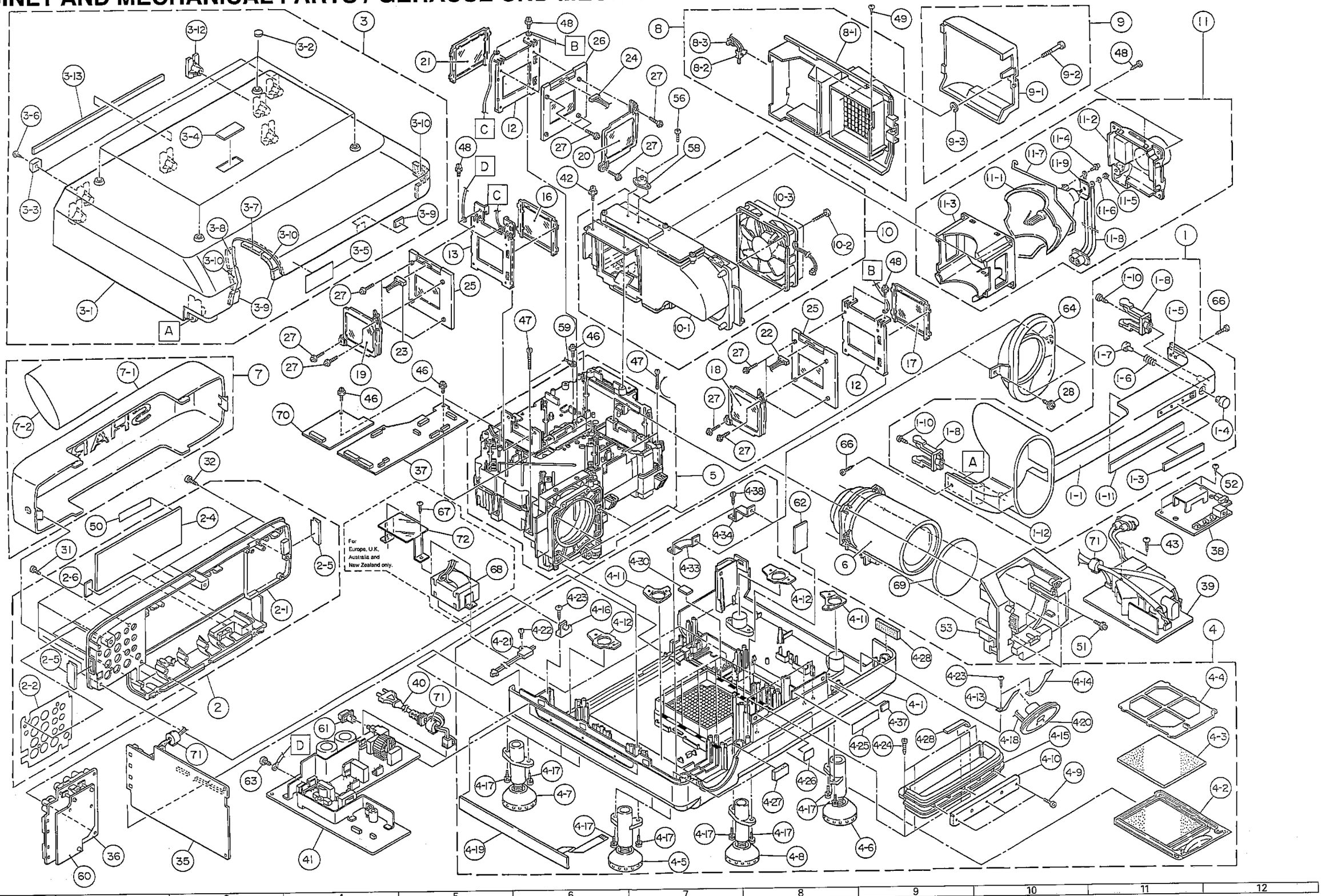
MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ TF1701	9FJ0E03010060	J	Thermal Fuse, P125A	AG
	9FJ0G10011560	J	Connector 4-pin (PL)	AE
	9FJ0G10001640	J	Connector 2-pin (PS)	AD
	9FJ0G10002140	J	Connector 3-pin (D)	AE

CABINET AND MECHANICAL PARTS

Ref. No.	Part No.	★	Description	Code
1	CBDYF1062CEK2	J	Front Body Ass'y	BA
1-1	*Not Available*	–	Front Body	—
1-2	*Not Used*			
1-3	HiNDP4439CESA	J	Indication Plate, LED	AF
1-4	JBTN-1839CESA	J	Button, Power	AE
1-5	LHLDZ1816CEKA	J	Rib	AD
1-6	MSPRC0146CEFW	J	Spring, Power Button	AC
1-7	PGIDM0017CE00	J	Guide, Button	AB
1-8	LHLDZ1827CEKZ	J	Holder, x2	AD
1-9	*Not Used*			
1-10	XEPSD40P12000	J	Screw, x2	AA
1-11	PSPAZ0149CEZZ	J	Spacer, x2	AB
1-12	LHLDZ1850CEKA	J	Rib	AD
2	CBDYR1038CEK3	J	Rear Body Ass'y	AZ
2-1	*Not Available*	–	Rear Body	—
2-2	HiNDP4419CESA	J	Indication Plate, Jack	AG
2-3	*Not Used*			
2-4	HiNDP4629CESA	J	Indication Plate, Model	AK
2-5	PCOVZ1020CEKA	J	Cover	AD
2-6	HiNDP4368CESA	J	Indication Plate, Power Sw.	AB
3	CBDYT1043CEK3		Top Body Ass'y	BL
3-1	*Not Available*	–	Top Body	—
3-2	GLEGG9053CESA	J	Leg, Top x4	AC
3-3	GLEGG9052CESA	J	Leg, Rear x2	AC
3-4	HBDGB3107CESA	J	Badge, "SHARP"	AL
3-5	HiNDP4637CESC	J	Indication Plate, Caution	AD
3-6	LX-TZ3060CESG	J	Screw, x3	AB
3-7	LHLDZ1834CEZZ	J	Rib	AD
3-8	LHLDZ1845CEZZ	J	Rib	AD
3-9	PMLT-0149CE00	J	Spacer, x2	AB
3-10	PMLT-0158CEZZ	J	Spacer, x3	AB
3-11	*Not Used*			
3-12	LHLDZ1767CEKZ	J	Boss, x7	AD
3-13	PMLT-0200CEZZ	J	Spacer	AE
4	CBDYU1058CEK4	J	Bottom Body Ass'y	BV
4-1	*Not Available*	–	Bottom Body	—
4-2	CCOVA1477CE06	J	Fan Cover Ass'y	AS
4-3	PFILD0027CEZZ	J	Filter	AF
4-4	PFILD0024CEZZ	J	Filter Cover	AF
4-5	GLEGP9083CESA	J	Leg, Left-Front	AM
4-6	GLEGP9084CESA	J	Leg, Right-Front	AM
4-7	GLEGP9085CESA	J	Leg, Left-Rear	AM
4-8	GLEGP9086CESA	J	Leg, Right-Rear	AM
4-9	XEPSD40P10000	J	Screw, x3	AA
4-10	LANGF9453CEFW	J	Angle, Handle	AE
4-11	LANGK0471CEFW	J	Leg Angle-A, x2	AD
4-12	LANGK0472CEFW	J	Leg Angle-B, x2	AD
4-13	LANGS0097CEFW	J	Angle, Speaker Holder-A	AD
4-14	LANGS0098CEFW	J	Angle, Speaker Holder-B	AD
4-15	LHLDL1002CEKA	J	Holder, Handle	AG
4-16	LHLDZ1777CEKZ	J	Holder	AE
4-17	LX-BZ3292CEFF	J	Screw, x8	AA
4-18	QCNW-4340CEZZ	J	Connecting Wire, (SP)	AC
4-19	QSW-Z0039CEZZ	J	Membrence Switch	BA
4-20	VSP0080P-H4WA	J	Speaker	AM
4-21	QCNW-3907CEZZ	J	Connecting Wire, Leaf Sw.	AK
4-22	XEBSD26P08000	J	Screw, x1	AA
4-23	XTASF40P16000	J	Screw, x3	AA
4-24	XTBSD40P30000	J	Screw, x4	AA
4-25	PSPAZ0146CEZZ	J	Spacer	AC
4-26	PSPAZ0147CEZZ	J	Spacer	AC
4-27	PMLT-0149CE00	J	Spacer, x2	AB
4-28	PMLT-0158CEZZ	J	Spacer	AB
4-29	*Not Used*			
4-30	PCOVU1015CE00	J	Light Shielding Cover, x11	AA
4-31	*Not Used*			
4-32	*Not Used*			
4-33	LANGK0487CEFW	J	Angle, Shift Cover	AD
4-34	LANGK0488CEFW	J	Angle, Shift Cover	AD
4-35	*Not Used*			
4-36	*Not Used*			
4-37	PSPAZ0148CEZZ	J	Spacer	AC
4-38	XTTSD40P12000	J	Screw, x2	AA
5	CCHSK0026CE01	J	Optics Mech. Ass'y	CN
5-1	*Not Available*	–	Optics Mech.	—
5-2	LCHSK0027CE00	J	Cover	BA
5-3	CANGT2073CE01	J	Angle, R/B	AX
5-4	LANGT2074CEFW	J	Angle, G	AM
5-5	CCHSK0029CE01	J	Lens Shift Unit	BL
5-6	PMIR-0107CEZZ	J	Mirror-1, R-Reflector	BC
5-7	PMIR-0108CEZZ	J	Mirror-2, B-Reflector	BB
5-8	PMIR-0109CEZZ	J	Mirror-3, Total Reflector	AN
5-9	PMIR-0110CEZZ	J	Mirror-4, Total Reflector	AP
5-10	PMIR-0111CEZZ	J	Mirror-5, B-Reflector	BC
5-11	PMIR-0112CEZZ	J	Mirror-6, R/B-Reflector	BE
5-12	PFILW0118CEZZ	J	UV/IR Cut-off Filter	BB
5-13	LHLDZ1903CEZZ	J	Field Lens Frame, x3	AH
5-14	PLNS-0069CEZZ	J	Field Lens	BC
5-15	NFANR0060CE00	J	Fan	BA
5-16	XBPSD40P35000	J	Screw, x4	AB
6	PLNS-0068CESA	J	Projection Lens	CH
7	CCOVA1480CE06	J	Terminal Cover Ass'y	AS
7-1	*Not Available*	–	Terminal Cover	—
7-2	*Not Available*	–	Polystyrene Sack	—
8	CCOVA1604CEK1	J	Side Fan Cover Ass'y	BB
8-1	*Not Available*	–	Side Fan Cover	—
8-2	QCNW-3906CEZZ	J	Leaf Switch	AK
8-3	XEBSD26P08000	J	Screw, x1	AA
9	CCOVA1603CEK1	J	Lamp Cover Ass'y	AV
9-1	*Not Available*	–	Lamp Cover	—
9-2	LX-UZ3021CESA	J	Screw, x1	AC
9-3	XRESJ30-06000	J	E-Ring, x1	AA
10	CCOVZ1041CEK1	J	Lamp Duct Ass'y	BP
10-1	*Not Available*	–	Lamp Duct	—
10-2	XEBSF40P16000	J	Screw, x4	AA
10-3	NFANR0017CE00	J	Fan	BC
⚠ 11	BQC-XV3400S/2	J	Lamp Unit (Lamp/Cage Module)	CG
⚠ 11-1	CLMPF0034DE07	J	Lamp/Mirror Ass'y	CC
11-2	LHLDZ1932CEKZ	J	Lamp Case, Top	AT
11-3	LHLDZ1933CEKZ	J	Lamp Case, Lower	AS

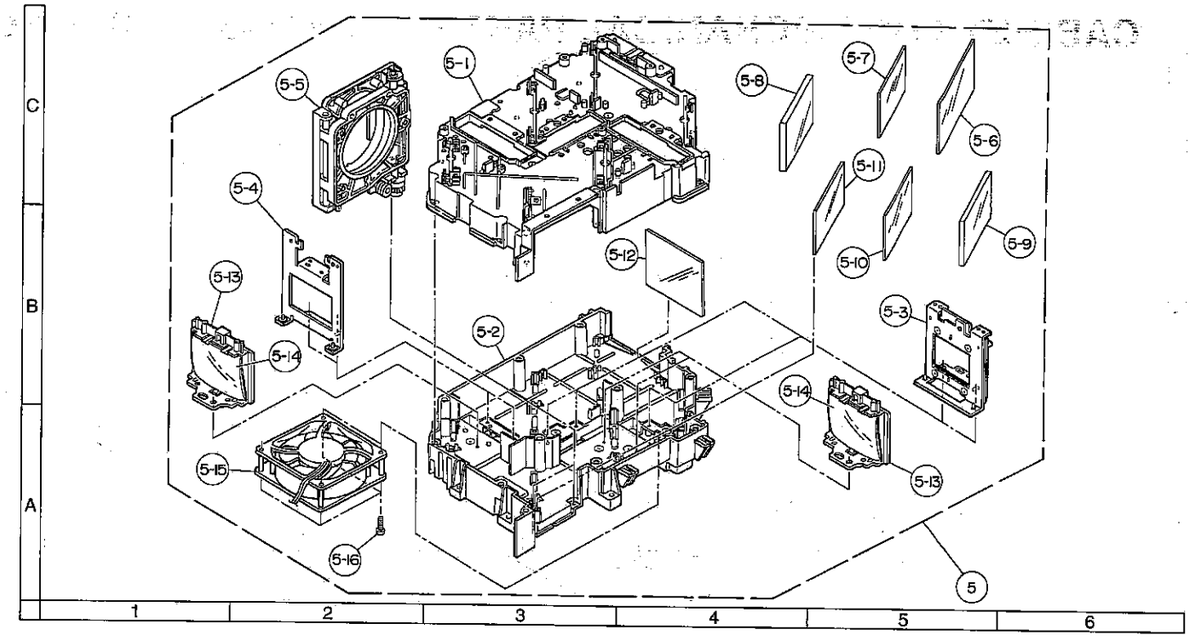
CABINET AND MECHANICAL PARTS / GEHÄUSE UND MECHANISCHE BAUTEILE 壳罩与机械零件分解图



CABINET AND MECHANICAL PARTS (Continued)

Ref. No.	Part No.	★	Description	Code
11-4	LX-BZ3270CEFN	J	Screw	AA
11-5	LX-NZ3108CEFN	J	Nut	AA
11-6	LX-WZ3102CEFN	J	Washer	AA
11-7	MSPRB0022CEFW	J	Spring	AD
11-8	QPLGN0156FJZZ	J	Plug	AN
11-9	PRDAR1499CEFW	J	Heat Sink	AC
12	LANGT2075CEFW	J	Angle, LCD R/B	AH
13	LANGT2076CEFW	J	Angle, LCD G	AH
14	*Not Used*			
15	*Not Used*			
16	PFiLW0127CEZZ	J	Polarizer Input Filter, G	BD
17	PFiLW0126CEZZ	J	Polarizer Input Filter, R	BE
18	PFiLW0129CEZZ	J	Polarizer Output Filter, R (For Europe, U.K., Australia and New Zealand only)	BF
18	PFiLW0122CEZZ	J	Polarizer Output Filter, R (Not for Europe, U.K., Australia and New Zealand)	BB
19	PFiLW0130CEZZ	J	Polarizer Output Filter, G (For Europe, U.K., Australia and New Zealand only)	BF
19	PFiLW0123CEZZ	J	Polarizer Output Filter, G (Not for Europe, U.K., Australia and New Zealand)	BB
20	PFiLW0131CEZZ	J	Polarizer Output Filter, B (For Europe, U.K., Australia and New Zealand only)	BF
20	PFiLW0124CEZZ	J	Polarizer Output Filter, B (Not for Europe, U.K., Australia and New Zealand)	BB
21	PFiLW0128CEZZ	J	Polarizer Input Filter, B	BG
22	QCNW-3852CEZZ	J	R-FCC	AQ
23	QCNW-3852CEZZ	J	G-FCC	AQ
24	QCNW-3852CEZZ	J	B-FCC	AQ
25	RLCDP0022CEZZ	J	LCD Module Unit, R/G (For Europe, U.K., Australia and New Zealand only)	DB
25	RLCDP0016CEZZ	J	LCD Module Unit, R/G (Not for Europe, U.K., Australia and New Zealand)	DB
26	RLCDP0023CEZZ	J	LCD Module Unit, B (For Europe, U.K., Australia and New Zealand only)	DB
26	RLCDP0017CEZZ	J	LCD Module Unit, B (Not for Europe, U.K., Australia and New Zealand)	DB
27	XHPSF30P14WS0	J	Screw, x12	AA
28	*Not Used*			
29	*Not Used*			
30	*Not Used*			
31	XEBSN30P10000	J	Screw, x3	AA
32	LX-TZ3060CESG	J	Screw, x6	AB
33	*Not Used*			
34	*Not Used*			

Ref. No.	Part No.	★	Description	Code
35	*Not Available*	–	Main Unit	—
36	*Not Available*	–	Input Unit	—
37	*Not Available*	–	Control Unit	—
38	*Not Available*	–	Audio Amp./LED Unit	—
39	*Not Available*	–	Ballast Unit	—
⚠ 40	CACCV2015CE01	J	AC Cord (Not for U.K., Hong Kong, Australia and New Zealand)	AS
⚠ 40	QACCB5013CE02	J	AC Cord (For U.K. and Hong Kong only)	AY
⚠ 40	QACCL3017CESA	J	AC Cord (For Australia and New Zealand only)	AR
41	*Not Available*	–	Power Unit	—
42	XEPSD40P12000	J	Screw, x2	AA
43	XTASD40P12000	J	Screw, x1 Ballast Unit	AA
44	*Not Used*			
45	*Not Used*			
46	XEPSD30P06000	J	Screw, x2	AA
47	XTBSD40P30000	J	Screw, x7	AA
48	XBPSD40P08000	J	Screw, x6, x5, x2	AA
49	*Not Used*			
50	HiNDP4628CEZZ	J	Label, Serial Number	AD
51	XEBSD40P18000	J	Screw, x3 Lens	AB
52	*Not Used*			
53	PCOVZ1032CEZZ	J	Lens Cover	AN
54	*Not Used*			
55	*Not Used*			
56	XEPSD30P08000	J	Screw, for Bimetal	AA
57	LX-BZ3220CEFD	J	Screw, for Thermistor	AA
⚠ 58	CBiM-0001DE10	J	Bimetal	AX
59	RH-HZ0024CEZZ	J	Thermistor	AP
60	*Not Available*	–	Y/C Separator Unit	—
61	JKNBP1065CESB	J	Button, Power	AC
62	*Not Available*	–	Sharpness Control Unit	—
63	XBPSD30P08KS0	J	Screw	AA
64	CCOVA9142CE01	J	Lens Shift Cover Ass'y	AY
65	*Not Used*			
66	LX-TZ3060CESF	J	Screw, x2	AB
67	XEPSD40P10000	J	Screw, x2 (For Europe, U.K., Australia and New Zealand only)	AA
68	RTRNC0056CEZZ	J	Choke Trans. (For Europe, U.K., Australia and New Zealand only)	BC
68	QCNW-4411CEZZ	J	Connecting Cord (PC) for Power Unit (Not for Europe, U.K., Australia and New Zealand)	AD
69	PCAPH1042CESA	J	Lens Cap	AF
70	*Not Available*	–	Scan Converter Unit	—
71	RCORF0054CEZZ	J	Ferrite Core, x3 (For Europe, U.K., Australia and New Zealand only)	AM
72	PZETV0648CEZZ	J	Barrier (For Europe, U.K., Australia and New Zealand only)	AF



Ref. No.	Part No.	★	Description	Code

SUPPLIED ACCESSORIES

ACCESSORIES

CCOVA1533CE01	J	Cord Wrap Pegs	AH
GCOVA1531CEZZ	J	High-Mount Dust Cover	AT
HiNDP4368CESA	J	Inverting Label, AC Sw.	AB
HiNDP4651CESA	J	Inverting Label	AE
PFiLD0030CEZZ	J	Extra Air Filter	AG
QPLGA0010GEZZ	J	AC Plug Adaptor (Not for Europe, U.K., Hong Kong, Australia and New Zealand)	AF
QPLGJ0107GEZZ	J	RCA/BNC Adaptor, x2	AR
RRMCG1221CESA	J	Remote Control Unit	BB
TiNS-5795CEZZ	J	Operation Manual	BB

ACCESSORIES (*Not Replacement Item*)

TCADS3003CEZZ	–	SS List (Not for Europe, U.K., Hong Kong, Australia and New Zealand)	—
TCADE1137CEZZ	–	Register Card (For Europe only)	—
TGANE0050TAZZ	–	Guarantee Card (For Australia and New Zealand only)	—
UBATU0026GEZZ	–	Dry Batteries	—

Ref. No.	Part No.	★	Description	Code

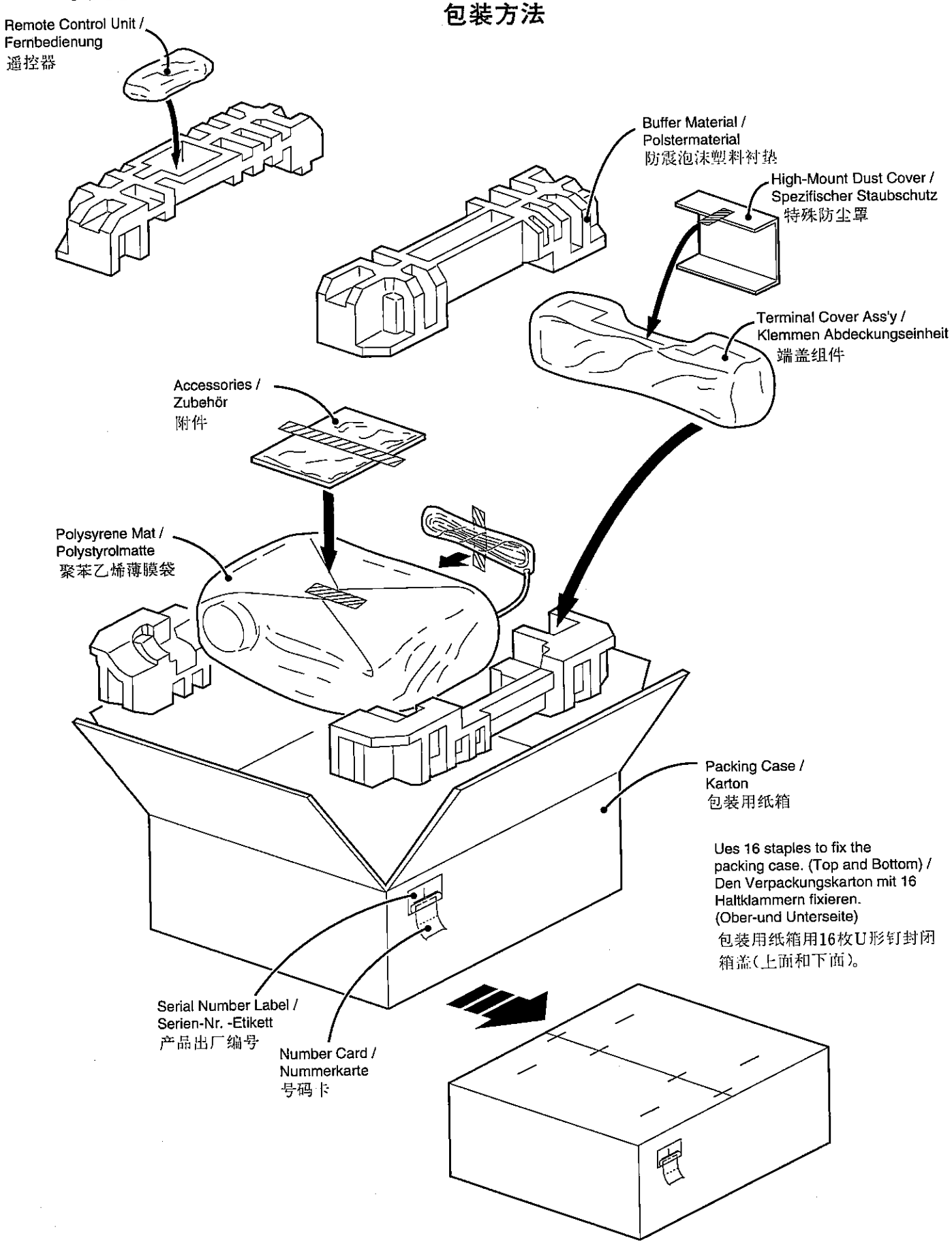
PACKING PARTS (*Not Replacement Item*)

SPAKC4891CEZZ	–	Packing Case	—
SPAKP0692CEZZ	–	Polystyrene Mat	—
SPAKX2708CEZZ	–	Buffer Material	—

SERVICE PARTS

QCNW-3937CEZZ	J	Extension Cable 5-pin (TD)—(TD)	AS
QCNW-3938CEZZ	J	Extension Cable 10-pin (TC)—(TC)	AX
QCNW-3939CEZZ	J	Extension Cable 12-pin (TA)—(TA)	AY
QCNW-3940CEZZ	J	Extension Cable 10-pin (TB)—(TB)	AW
QCNW-4277CEZZ	J	Extension Cable 26-pin (MA)—(MA)	BE
QCNW-4278CEZZ	J	Extension Cable 30-pin (MB)—(MB)	BG
QSW-Z0039CEZZ	J	Membrane Switch	BA
9EQ-HENSDCE01	J	Off set Driver (Focus Adjustment Jig)	BV

PACKING OF THE SET / VERPACKEN DES GERÄTS
包装方法



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